

# FEBS Letters Volume 581

## Author Index



# A

- Aarden, L.A. see S. Zeerleder, 5382  
 Abboud, H.E. see F. Das, 5259  
 Abdel-Motaal, F.F. see S.-i. Ito, 3217  
 Abdelkarim, M. see B. Cariou, 5191  
 Abdelmegeed, M.A. see K.-H. Moon, 3967  
 Abdolmaleki, P. see S.H. Sadat Hayatshahi, 506  
 Abe, F., Induction of *DAN/TIR* yeast cell wall mannoprotein genes in response to high hydrostatic pressure and low temperature, 4993  
 Abe, H. see N. Hiraga, 1983  
 Abe, Y. see Y. Onda, 5852  
 Abou-Lovergne, A. see E. Gonzales, 3260  
 Abuladze, N. see S. Ryazantsev, 1898  
 Achilefu, S. see D. Shen, 1793  
 Adachi, H. see A. Okumura, 5255  
 Adamczyk, M., J. Poznański, E. Kopera and W. Bal, A zinc-finger like metal binding site in the nucleosome, 1409  
 Adamski, D., J.-F. Mayol, N. Platet, F. Berger, F. Hérodin and D. Wion, Effects of Hoechst 33342 on C2C12 and PC12 cell differentiation, 3076  
 Adedeji, D., H. Hernandez, J. Wiesner, U. Köhler, H. Jomaa and E.C. Duin, Possible direct involvement of the active-site [4Fe-4S] cluster of the GcpE enzyme from *Thermus thermophilus* in the conversion of MEcPP, 279  
 Adib-Conquy, M. and J.-M. Cavaillon, Stress molecules in sepsis and systemic inflammatory response syndrome, 3723  
 Aerts, J.M.F.G. see M. van Eijk, 5389  
 Agarwal, S., Agarwal, S. and R. Bhatnagar, Identification and characterization of a novel toxin-antitoxin module from *Bacillus anthracis*, 1727  
 Agarwal, S., Agarwal, S. and R. Bhatnagar, Identification and characterization of a novel toxin-antitoxin module from *Bacillus anthracis*, 1727  
 Ageron, E. see N. Ramarao, 853  
 Agius, L. see L.J. Hampson, 3955  
 Agostino, P.V. see S.A. Plano, 5500  
 Aguado, C. see I. Esteban, 3415  
 Aguilera, J. see C. Gil, 1851  
 Ahmed, N. see M. Washiyama, 5207  
 Ahn, B.-H., M.H. Park, Y.H. Lee and D.S. Min, Phorbol myristate acetate-induced Egr-1 expression is suppressed by phospholipase D isozymes in human glioma cells, 5940  
 Ahn, D.-R. see H. Cho, 1542  
 Ahn, H.-Y. see J.-M. Ha, 2663  
 Ahn, S., S. Moniot, M. Elias, E. Chabriere, D. Kim and K. Scott, Structure-function relationships in a bacterial DING protein, 3455  
 Ahnn, J. see K.M. Ko, 5445  
 Aigner, K., L. Descovich, M. Mikula, A. Sultan, B. Dampier, S. Bonné, F. van Roy, W. Mikulits, M. Schreiber, T. Brabletz, W. Sommergruber, N. Schweifer, A. Wernitznig, H. Beug, R. Foisner and A. Eger, The transcription factor ZEB1 ( $\delta$ EF1) represses Plakophilin 3 during human cancer progression, 1617  
 Aikhionbare, F. see Y. Liu, 4318  
 Ajay, A.K. see S. Singh, 289  
 Akasaka, R. see S. Ohnishi, 462  
 Akazawa, T., M. Shingai, M. Sasai, T. Ebihara, N. Inoue, M. Matsumoto and T. Seya, Tumor immunotherapy using bone marrow-derived dendritic cells overexpressing Toll-like receptor adaptors, 3334  
 Akiba, Y. see A. Mujahid, 3461  
 Akiyama, T. see E. Ito, 3909  
 Al-Mawsawi, L.Q., M. Sechi and N. Neamati, Single amino acid substitution in HIV-1 integrase catalytic core causes a dramatic shift in inhibitor selectivity, 1151  
 Ala-Kokko, L. see M. Tulla, 2434  
 Alam, N.H. see C.-F. Flach, 3183  
 Allen, L.M. see V. Nicaise, 1041  
 Allen, S. see W. Zhao, 4960  
 Allison, M.B. see K.A. Temple, 469  
 Allsop, D. see A. Masad, 3489  
 Almeida, M.G., C.M. Silveira, B. Guigliarelli, P. Bertrand, J.J.G. Moura, I. Moura and C. Léger, A needle in a haystack: The active site of the membrane-bound complex cytochrome *c* nitrite reductase, 284  
 Alonso-Casajús, N. see M.T. Morán-Zorzano, 1035  
 Alonso-Casajús, N. see G. Eydallin, 4417  
 Alonso-Casajús, N. see M.T. Morán-Zorzano, 4423  
 Alt, E. see X. Bai, 4681  
 Alvarez-Barrientos, A. see S. Zuluaga, 3819  
 Amano, K. see M.K. Kaneko, 331  
 Ambrogelly, A. see S. Herring, 3197  
 Ambrogelly, A. see O. Namy, 5282  
 Amente, S., B. Gargano, D. Diolaiti, G. Della Valle, L. Lania and B. Majello, p14<sup>ARF</sup> interacts with N-Myc and inhibits its transcriptional activity, 821  
 Ameres, S. see C. Seitz, 3429  
 Amin, J. see T.J. Underwood, 5831  
 Amoui, M. see J.H. Yang, 2503  
 Ampe, C. see D. Polet, 211  
 Ampe, C. see S. Dhaese, 4809  
 Anandatheerthavarada, H.K. see J.-K. Fang, 1302  
 Anderluh, G. see M. Butala, 4816  
 Anderson, G. see S. Lax, 3550  
 Anderson, R.A. see T.L. Chang, 4596  
 Ando, M. see M. Kuwabara, 4821  
 Andrade, A., M.B. de León, O. Hernández-Hernández, B. Cisneros and R. Felix, Myotonic dystrophy CTG repeat expansion alters Ca<sup>2+</sup> channel functional expression in PC12 cells, 4430  
 Andrew van Hasselt, C. see Z.-M. Liu, 2465  
 Andújar-Sánchez, M., V. Jara-Pérez and A. Cámara-Artigas, Thermodynamic determination of the binding constants of angiotensin-converting enzyme inhibitors by a displacement method, 3449  
 Angkawidjaja, C., D.-j. You, H. Matsumura, K. Kuwahara, Y. Koga, K. Takano and S. Kanaya, Crystal structure of a family 1.3 lipase from *Pseudomonas* sp. MIS38 in a closed conformation, 5060  
 Angst, E. see S. Sibold, 989  
 Anné, J. see E. De Buck, 259  
 Anouar, Y. see D. Cruz-Garcia, 3149  
 Anrather, J. see K. Hochrainer, 5493  
 Anton, R., H.A. Kestler and M. Kühl,  $\beta$ -Catenin signaling contributes to stemness and regulates early differentiation in murine embryonic stem cells, 5247  
 Antoniou, A.N., S.G. Santos, E.C. Campbell, S. Lynch, F.A. Arosa and S.J. Powis, ERp57 interacts with conserved cysteine residues in the MHC class I peptide-binding groove, 1988  
 Ao, Z., R. Quezada-Calvillo, L. Sim, B.L. Nichols, D.R. Rose, E.E. Sterchi and B.R. Hamaker, Evidence of native starch degradation with human small intestinal maltase-glucoamylase (recombinant), 2381  
 Aon, M.A., S. Cortassa, K.M. Lemar, A.J. Hayes and D. Lloyd, Single and cell population respiratory oscillations in yeast: A, 8  
 Aoshiba, K. and A. Nagai, Chronic lung inflammation in aging mice, 3512  
 Aouadi, M., J. Jager, K. Laurent, T. Gonzalez, M. Cormont, B. Binétruy, Y. Le Marchand-Brustel, J.-F. Tanti and F. Bost, p38MAP Kinase activity is required for human primary adipocyte differentiation, 5591  
 Apse, M.P. and E. Blumwald, Na<sup>+</sup> transport in plants, 2247  
 Aragón, J.J. see O.H. Martínez-Costa, 3033  
 Arai, K. see M. Kaneko, 5355  
 Arai, N. see T. Ishii, 349  
 Arai, S., A. Matsushita, K. Du, K. Yagi, Y. Okazaki and R. Kurokawa, Novel homeodomain-interacting protein kinase family member, HIPK4, phosphorylates human p53 at serine 9, 5649  
 Arai, T. see S. Kawasaki, 2460  
 Arai, T. see A. Ishii, 4711  
 Arakaki, A. see T. Suzuki, 3443  
 Arakaki, N., T. Kita, H. Shibata and T. Higuti, Cell-surface H<sup>+</sup>-ATP synthase as a potential molecular target for anti-obesity drugs, 3405  
 Arakawa, K., R. Saito and M. Tomita, Noise-reduction filtering for accurate detection of replication termini in bacterial genomes, 253  
 Arakawa, T. see M. Ishibashi, 4073  
 Arakawa, T. see M. Okayama, 4583  
 Araki, A. see M. Rahman, 4001  
 Araki, H. see Y. Morita, 3579  
 Araki, H. see Y. Morita, 1417  
 Araki, S. see T. Igarashi, 2416  
 Araki, Y. see H. Kitagaki, 2935  
 Aramaki, Y. see M. Otsuka, 325  
 Aranovich, A., A.H. Parola and I. Fishov, The reactivation of DnaA(L366K) requires less acidic phospholipids supporting their role in the initiation of chromosome replication in *Escherichia coli*, 4439

- Arendt, Y., L. Banci, I. Bertini, F. Cantini, R. Cozzi, R. Del Conte and L. Gonnelli, Catalytic domain of MMP20 (Enamelysin) – The NMR structure of a new matrix metalloproteinase, 4723
- Aricescu, A.R. see M. Crispin, 1963
- Arif, E. see J. Karar, 4577
- Arima, H. see R. Banno, 1131
- Arima, H. see I. Sato, 4857
- Arima, K. see S. Kanaji, 4260
- Armesilla, A.L. see M. Holton, 4115
- Arndt-Jovin, D.J. see M.M. Echarte, 2905
- Arnold, H.-H. see F. Vauti, 5691
- Arnost, D.N. see P. Mani-Telang, 5241
- Arosa, F.A. see A.N. Antoniou, 1988
- Arrigo, A.-P., S. Simon, B. Gibert, C. Kretz-Remy, M. Nivon, A. Cze-kalla, D. Guillet, M. Moulin, C. Diaz-Latoud and P. Vicart, Hsp27 (HspB1) and  $\alpha$ B-crystallin (HspB5) as therapeutic targets, 3665
- Arroyo, R. see E. Solano-González, 2919
- Arzumanov, A.A. see C. Di Primo, 771
- Asano, M. see Y. Morita, 3579
- Asano, M. see Y. Morita, 1417
- Asanuma, M. see I. Miyazaki, 5003
- Asao, H. see M. Rahman, 4001
- Asard, H. see A. Bérczi, 1505
- Asashima, M. see T. Chan, 2691
- Asashima, M. see T. Shibano, 4333
- Asashima, M. see T. Kajiume, 4645
- Asayama, M. see T. Yoshimura, 1495
- Ascione, B. see E. Straface, 4342
- Ascione, B. see S. Basciani, 5897
- Ashery-Padan, R. see A. Finkler, 3893
- Asikainen, S., M. Storvik, M. Lakso and G. Wong, Whole genome microarray analysis of *C. elegans rrf-3* and *eri-1* mutants, 5050
- Asryants, R. see N. Golub, 4223
- Assmann, G. see T. Engel, 1673
- Assmann, S.M. see S. Pandey, 2325
- Astier, V. see V. Rolli, 394
- Astolfi, A. see A. Bordoni, 923
- Atella, G.C. see J.B.R. Corrêa Soares, 1742
- Ates, K., S.Y. Yang, R.W. Orrell, A.C.M. Sinanan, P. Simons, A. Solomon, S. Beech, G. Goldspink and M.P. Lewis, The IGF-I splice variant MGF increases progenitor cells in ALS, dystrophic, and normal muscle, 2727
- Atkinson, D.L. see E. Makarev, 1865
- Atkinson, S.J., C.G. Mowat, G.A. Reid and S.K. Chapman, An octaheme *c*-type cytochrome from *Shewanella oneidensis* can reduce nitrite and hydroxylamine, 3805
- Aucoin, R. see M.B. Breslin, 949
- Auvray, L. see M. Pastoriza-Gallego, 3371
- Avadhani, N.G. see J.-K. Fang, 1302
- Avila-González, L. see E. Solano-González, 2919
- Azevedo, D., L. Nascimento, J. Labarre, M.B. Toledano and C. Rodríguez-Pousada, The *S. cerevisiae* Yap1 and Yap2 transcription factors share a common cadmium-sensing domain, 187
- Azuma, S. see E. Ito, 3909
- Bae, Y.-S. see M.-K. Kim, 1917
- Bae, Y.-S. see K.S. Park, 4411
- Bae, Y.-S. see E.-S. Lee, 4325
- Back, J.-H. see K.M. Seong, 2567
- Back, S.-H. see J.-G. Lee, 787
- Back, S.H. see J.-M. Ha, 2663
- Bahi, N. see J. Zhang, 5781
- Bahl, H. see O. Riebe, 5605
- Bahram, S. see V. Rolli, 394
- Bai, L. and J.L. Merchant, A role for CITED2, a CBP/p300 interacting protein, in colon cancer cell invasion, 5904
- Bai, X., S. Sadat, S. Gehmert, E. Alt and Y.-H. Song, VEGF receptor Flk-1 plays an important role in c-kit expression in adipose tissue derived stem cells, 4681
- Bailey, L., A. Gylfe, C. Sundin, S. Muschiol, M. Elofsson, P. Nordström, B. Henriques-Normark, R. Lugert, A. Waldenström, H. Wolf-Watz and S. Bergström, Small molecule inhibitors of type III secretion in *Yersinia* block the *Chlamydia pneumoniae* infection cycle, 587
- Bajjalieh, S.M. see J.S. Lyssand, 5765
- Bakshi, K., R.W. Mercier and S. Pavlopoulos, Interaction of a fragment of the cannabinoid CB1 receptor C-terminus with arrestin-2, 5009
- Bakthavachalu, B. see B. Muralidharan, 4103
- Bal, W. see M. Adamczyk, 1409
- Balducci, E., L.G. Micossi, E. Soldaini and R. Rappuoli, Expression and selective up-regulation of toxin-related mono ADP-ribosyltransferases by pathogen-associated molecular patterns in alveolar epithelial cells, 4199
- Baldwin, A.J. see A.M. Simm, 3904
- Ballesteros, A. see N. López-Cortés, 4657
- Balli, F. see E. Roat, 521
- Balzarini, J., The  $\alpha(1,2)$ -mannosidase I inhibitor 1-deoxymannojirimycin potentiates the antiviral activity of carbohydrate-binding agents against wild-type and mutant HIV-1 strains containing glycan deletions in gp120, 2060
- Ban, H.S. see F. Kamachi, 4633
- Ban, N. see Y. Matsumura, 3139
- Banci, L. see Y. Arendt, 4723
- Banères, J.-L. see M. Damian, 1944
- Banerjee, J. see B. Ganguly, 5723
- Banerjee, M., D. Roy, B. Bhattacharyya and G. Basu, Differential colchicine-binding across eukaryotic families: The role of highly conserved Pro268 $\beta$  and Ala248 $\beta$  residues in animal tubulin, 5019
- Bange, G. see E. Kowalinski, 4450
- Bánhegyi, G. see M. Csala, 1693
- Bánhegyi, G., A. Benedetti, M. Csala and J. Mandl, Stress on redox, 3634
- Banno, R., H. Arima, M. Hayashi, M. Goto, M. Watanabe, I. Sato, N. Ozaki, H. Nagasaki, N. Ozaki and Y. Oiso, Central administration of melanocortin agonist increased insulin sensitivity in diet-induced obese rats, 1131
- Banno, R. see I. Sato, 4857
- Banno, Y. see R. Kikuchi, 1800
- Bao, B., A.S. Prasad, F.W.J. Beck and F.H. Sarkar, Zinc up-regulates NF- $\kappa$ B activation via phosphorylation of I $\kappa$ B in HUT-78 (Th $_0$ ) cells, 4507
- Bao, J. see X. Guo, 1015
- Bao, J., D.W. Zhang, J.Z.H. Zhang, P.L. Huang, P.L. Huang and S. Lee-Huang, Computational study of bindings of olive leaf extract (OLE) to HIV-1 fusion protein gp41, 2737
- Bao, J. see S. Wang, 4789
- Bao, L., S. Samuels, S. Locovei, E.R. Macagno, K.J. Muller and G. Dahl, Innexins form two types of channels, 5703
- Bapat, B. see S. Esufali, 4850
- Bapat, P.M. see S.K. Nandy, 151
- Barabás, O. see B. Varga, 4783
- Baran-Marszak, F. see C. Laguillier, 1143
- Bárány-Wallje, E., J. Gaur, P. Lundberg, Ü. Langel and A. Gräslund, Differential membrane perturbation caused by the cell penetrating peptide Tpl0 depending on attached cargo, 2389
- Barbier-Brygoo, H. see A. de Angeli, 2367
- Barbosa, J.M. see Y. Sang, 344
- Baroja-Fernández, E. see M.T. Morán-Zorzano, 1035
- Baroja-Fernández, E. see G. Eydallin, 2947
- Baroja-Fernández, E. see M.T. Morán-Zorzano, 4423
- Baroja-Fernández, E. see G. Eydallin, 4417
- Baron, J. see M. Dewor, 4734
- Barouki, R. and R. Sitia, Cellular stress, 3581
- Baba, H. see H. Nitta, 5935
- Babon, A. see A. Perier, 5480
- Baby, S.M. see U. Basu, 4153
- Bacchetta, M. see M. Prunotto, 5847
- Bach, T.J. see R. Merret, 5295
- Bachmair, A. see M. Garzón, 3189
- Backman, V. see H.K. Roy, 3857
- Badet-Denisot, M.-A. see N. Floquet, 2981
- Badet, B. see N. Floquet, 2981
- Badrick, A.C., A.J. Hamilton, P.V. Bernhardt, C.E. Jones, U. Kappler, M.P. Jennings and A.G. McEwan, PrrC, a Sco homologue from *Rhodobacter sphaeroides*, possesses thiol-disulfide oxidoreductase activity, 4663
- Bae, C.-D. see S.-H. Hong, 5396
- Bae, H.J. see S.-y. Kim, 865
- Bae, S.S. see S.J. Lee, 4189
- Bae, Y.-S. see J.-G. Lee, 787

- Barouki, R., X. Coumoul and P.M. Fernandez-Salguero, The aryl hydrocarbon receptor, more than a xenobiotic-interacting protein, 3608
- Barreau, C. see N. Ponts, 443
- Barrientos, A. see C. Jin, 5658
- Barrier, L. see S. Ingrand, 4473
- Barroso, J.B. see R. Valderrama, 453
- Barroso, J.F.V. see H.-H. Gerdes, 2194
- Barroso, J.F.V. see H.-H. Gerdes, 3332
- Bartels, D. see J.R. Phillips, 3592
- Basak, A. see A. Jahani-Asl, 2883
- Basak, A. see A. Pasquato, 5807
- Basak, S., S. Roy and T.C. Ghosh, On the origin of synonymous codon usage divergence between thermophilic and mesophilic prokaryotes, 5825
- Basciani, S., R. Vona, P. Matarrese, B. Ascione, S. Mariani, L. Gnessi, W. Malorni and E. Straface, Imatinib interferes with survival of multi drug resistant Kaposi's sarcoma cells, 5897
- Basdra, E.K. see A.K. Papadopoulou, 2041
- Basko, X. see K.A. Temple, 469
- Bassi, R. see S. Caffarri, 4704
- Basu, G. see M. Banerjee, 5019
- Basu, G. see B. Dasgupta, 4529
- Basu, U., M. Gyrð-Hansen, S.M. Baby, O. Lozynska, T.O.B. Krag, C.J. Jensen, M. Frdin and T.S. Khurana, Heregulin-induced epigenetic regulation of the utrophin-A promoter, 4153
- Batchelder, E.L., C.L. Thomas-Virig, J.D. Hardin and J.G. White, Cytokinesis is not controlled by calmodulin or myosin light chain kinase in the *Caenorhabditis elegans* early embryo, 4337
- Batoko, H. see M. Frison, 4010
- Bau, H.-J. see M. Choquer, 489
- Bauer, F. and H. Sticht, A proline to glycine mutation in the Lck SH3-domain affects conformational sampling and increases ligand binding affinity, 1555
- Baum, A. see O. Rath, 2549
- Baum, O. see S. Chlench, 673
- Baumeister, W. see S. Nickell, 2751
- Baumgartner, M. see A. Weiss, 5131
- Baumruker, T. see D. Mechtcheriakova, 3063
- Baur, R. see K.R. Tan, 4718
- Bauters, M. see R. Pourebrahim, 5122
- Bautista, V. see J. Esclapez, 837
- Bauwe, H. see D. Hasse, 1297
- Beck, A. see J. Wünschmann, 1681
- Beck, F. see S. Nickell, 2751
- Beck, F.W.J. see B. Bao, 4507
- Beckett, W. see P.D. Thompson, 1233
- Becskei, A. and M.J. Grusby, Contribution of IL-12R mediated feedback loop to Th1 cell differentiation, 5199
- Beech, S. see K. Ates, 2727
- Behm-Ansmant, I., I. Kashima, J. Rehwinkel, J. Saulière, N. Wittkopp and E. Izaurralde, mRNA quality control: An ancient machinery recognizes and degrades mRNAs with nonsense codons, 2845
- Behrendt, J., U. Lindenstrauß and T. Brser, The TatBC complex formation suppresses a modular TatB-multimerization in *Escherichia coli*, 4085
- Behrmann, I. see S.M. Soond, 1217
- Beimgraben, C. see C. Wehling, 1594
- Beloqui, A. see N. López-Cortés, 4657
- Ben-Dor, S. see K. Shkolnik, 4891
- Benedetti, A. see M. Csala, 1693
- Benedetti, A. see G. Bánhegyi, 3634
- Benham, A.M. see A.J. Lemin, 1819
- Benito, M. see S. Zuluaga, 3819
- Benjdia, A., G. Dehò, S. Rabot and O. Berteau, First evidences for a third sulfatase maturation system in prokaryotes from *E. coli* *aslB* and *ydeM* deletion mutants, 1009
- Benny, P. see R.R. Lareu, 2709
- Benoist-Lasselin, C., L. Gibbs, S. Heuertz, T. Odent, A. Munnich and L. Legeai-Mallet, Human immortalized chondrocytes carrying heterozygous FGFR3 mutations: An in vitro model to study chondrodysplasias, 2593
- Benoliel, A.-M. see A. Pierres, 1841
- Benyamin, Y. see C. Roustan, 681
- Benz, J. see A.C. Rufer, 3247
- Bérczi, A., D. Su and H. Asard, An *Arabidopsis* cytochrome b561 with *trans*-membrane ferrireductase capability, 1505
- Berdini, V. see H.M. Pereira, 5082
- Berg, C. see T. Proikas-Cezanne, 3396
- Berger, F. see D. Adamski, 3076
- Berger, F. see N. Platet, 1435
- Berggren, P.-O. see J.T. Deeney, 4080
- Bergmann, D.J. see B.O. Elmore, 911
- Bergsmédh, A., J. Ehnfors, A.-L. Spetz and L. Holmgren, A Cre-loxP based system for studying horizontal gene transfer, 2943
- Bergström, S. see L. Bailey, 587
- Berks, B.C. see G.L. Orriss, 4091
- Bernard, L. see C. Desplats, 4017
- Bernhagen, J. see M. Dewor, 4734
- Bernhardt, P.V. see A.C. Badrick, 4663
- Bernstein, A. see P.B. Thornhill, 4455
- Bersanetti, P.A. see L.G. de Deus Teixeira, 2411
- Berscheit, H.L. see C. Yuan, 241
- Bertaux, F. see G. Ferry, 3572
- Berteau, O. see A. Benjdia, 1009
- Bertini, I. see Y. Arendt, 4723
- Bertl, A. see R. Gehwolf, 448
- Bertl, A. and R. Kaldenhoff, Function of a separate NH<sub>3</sub>-pore in Aquaporin TIP2:2 from wheat, 5413
- Bertoglio, J. see S. Potin, 118
- Bertrand, P. see M.G. Almeida, 284
- Béthune, J. see J.D. Langer, 2083
- Betton, J.-M. see M. Pastoriza-Gallego, 3371
- Betts, M.J. and R.B. Russell, The hard cell: From proteomics to a whole cell model, 2870
- Beug, H. see O. Rath, 2549
- Beug, H. see K. Aigner, 1617
- Beyaert, R. see P. Ulrichts, 629
- Beyer, G. see S. Chlench, 673
- Beyly, A. see C. Desplats, 4017
- Bezrukov, S.M. see O.S. Ostroumova, 804
- Bhardwaj, N. and H. Lu, Residue-level prediction of DNA-binding sites and its application on DNA-binding protein predictions, 1058
- Bhat, M.B. see C. Lee, 2517
- Bhat, M.K. see S. Singh, 289
- Bhatnagar, R. see S. Agarwal, 1727
- Bhatt, D.K. see K. Tikoo, 2027
- Bhattacharjee, H. see J. Ye, 3996
- Bhattacharyya, B. see M. Banerjee, 5019
- Bhuiyan, T.R. see C.-F. Flach, 3183
- Bi, C. see Y. Wang, 3069
- Bi, L. see Q. Sun, 3991
- Biagi, P. see A. Bordonni, 923
- Biagioni, O. see E. Roat, 521
- Bian, A. see H. Gao, 581
- Biely, P. see X.-L. Li, 4029
- Biemelt, S. see A. Mustroph, 2401
- Bien, M. see N. Terziyska, 1098
- Bikfalvi, A. see C. Petibois, 5469
- Billich, A. see D. Mechtcheriakova, 3063
- Binder, B.M., F.I. Rodriguez, A.B. Blecker and S.E. Patterson, The effects of Group 11 transition metals, including gold, on ethylene-binding to the ETR1 receptor and growth of *Arabidopsis thaliana*, 5105
- Binétruy, B. see M. Aouadi, 5591
- Birchmeier, W. see M.M. Faraldo, 831
- Bird, L.E. see M.Z. Cader, 2959
- Bittencourt-Cunha, P.R.B. see J.B.R. Corrêa Soares, 1742
- Bjelke, J.R., E. Persson, H.B. Rasmussen, B.B. Kragelund and O.H. Olsen, A loop of coagulation factor VIIa influencing macromolecular substrate specificity, 71
- Blair, G.E. see S.E. Perry, 1137
- Blank, V. see Z. Nouhi, 5401
- Blankenship, R.E. see M.F. Hohmann-Marriott, 800
- Blasi, E. see M. Pinti, 3882
- Blasutig, I.M. see G.C. Leung, 77
- Blaydes, J.P. see T.J. Underwood, 5831
- Blecker, A.B. see B.M. Binder, 5105
- Blencowe, B.J. see P. Fortes, 3087
- Blobel, C.P. see U. Sahin, 41
- Bloch, R.J. see A.L. Bowman, 1549
- Blumwald, E. see M.P. Apse, 2247
- Bobay, B.G. see P.D. McLaughlin, 1425
- Bobay, B.G. see D.R. Kordys, 4778
- Bobba, A. see R.A. Vacca, 917
- Bochaton-Piallat, M.-L. see M. Prunotto, 5847
- Boche, I. see P. Taneja, 3973
- Bóde, C., I.A. Kovács, M.S. Szalay, R. Palotai, T. Korcsmáros and P. Csérmely, Network analysis of protein dynamics, 2776
- Bóde, C. see M.S. Szalay, 3675

- Bode, G. see T. Engel, 1673  
 Boekema, E.J. see K.B. Mosicka, 1758  
 Boekema, E.J. see G.T. Oostergetel, 5435  
 Boffoli, D. see C. Piccoli, 3111  
 Bogdanov Jr., A. see C. Laguillier, 1143  
 Böhmer, C., M. Palmada, C. Kennigott, R. Lindner, F. Klaus, J. Laufer and F. Lang, Regulation of the epithelial calcium channel TRPV6 by the serum and glucocorticoid-inducible kinase isoforms SGK1 and SGK3, 5586  
 Bohnert, M., N. Pfanner and M. van der Laan, A dynamic machinery for import of mitochondrial precursor proteins, 2802  
 Bohr, H.G. see K. Modig, 4965  
 Bojić, L., A. Petelin, V. Stoka, T. Reinheckel, C. Peters, V. Turk and B. Turk, Cysteine cathepsins are not involved in Fas/CD95 signaling in primary skin fibroblasts, 5185  
 Boland, W. see H. Maischak, 898  
 Bölter, B. see L. Vojta, 2621  
 Bolychevtseva, Y.V. see M.G. Rakhimberdieva, 2429  
 Bondar, G. see S. Ryazantsev, 1898  
 Bonete, M.J. see J. Esclapez, 837  
 Bongrand, P. see A. Pierres, 1841  
 Bongrazio, M. see S. Chlench, 673  
 Bonné, S. see K. Aigner, 1617  
 Boot, R.G. see M. van Eijk, 5389  
 Boquet, P. see M. Gibert, 1287  
 Bora, N.S. see P.S. Bora, 1977  
 Bora, P.S., S. Kaliappan, V.V. Lyzogubov, R.G. Tytarenko, S. Thotakura, T. Viswanathan and N.S. Bora, Expression of adiponectin in choroidal tissue and inhibition of laser induced choroidal neovascularization by adiponectin, 1977  
 Bordoni, A., A. Astolfi, L. Morandi, A. Pession, F. Danesi, M.D. Nunzio, M. Franzoni, P. Biagi and A. Pession, *N* – 3 PUFAs modulate global gene expression profile in cultured rat cardiomyocytes. Implications in cardiac hypertrophy and heart failure, 923  
 Bork, K., W. Reutter, W. Weidemann and R. Horstkorte, Enhanced sialylation of EPO by overexpression of UDP-GlcNAc 2-epimerase/ManAc kinase containing a sialuria mutation in CHO cells, 4195  
 Bornancin, F. see D. Mechtcheriakova, 3063  
 Borodic, G.E. see S. Pellett, 4803  
 Borovok, N., T. Molotsky, J. Ghabboun, H. Cohen, D. Porath and A. Kotlyar, Poly(dG)–poly(dC) DNA appears shorter than poly(dA)–poly(dT) and possibly adopts an A-related conformation on a mica surface under ambient conditions, 5843  
 Borucki, B. see S. Seibeck, 5425  
 Boscherini, F. see F. Francia, 611  
 Boscherini, F. see L. Giachini, 5645  
 Bosnjak, Z. see M. Ljubkovic, 4255  
 Bost, F. see M. Aouadi, 5591  
 Bouchaert, E. see B. Cariou, 5191  
 Boucherie, S. see E. Gonzales, 3260  
 Bouhidel, K. see H. Nziengui, 3356  
 Bourdet-Sicard, R. see N. Ramarao, 853  
 Boutanaev, A.M., L.M. Mikhaylova and D.I. Nurminsky, Up-regulation of the Ku heterodimer in *Drosophila* testicular cyst cells, 1707  
 Boutin, J.A. see G. Ferry, 3572  
 Bouvier, J. see Y. Romeo, 3387  
 Bowman, A.L., A. Kontogianni-Konstantopoulos, S.S. Hirsch, S.B. Geisler, H. Gonzalez-Serratos, M.W. Russell and R.J. Bloch, Different obscurin isoforms localize to distinct sites at sarcomeres, 1549  
 Brabletz, T. see K. Aigner, 1617  
 Bradatsch, B. see E. Kowalinski, 4450  
 Brady, M.J. see K.A. Temple, 469  
 Bragado, P. see S. Zuluaga, 3819  
 Brahimi-Horn, M.C. and J. Pouyssegur, Oxygen, a source of life and stress, 3582  
 Brandina, I., A. Smirnov, O. Kolesnikova, N. Entelis, I.A. Krasheninikov, R.P. Martin and I. Tarassov, tRNA import into yeast mitochondria is regulated by the ubiquitin-proteasome system, 4248  
 Brandt, W. see F. Stehle, 164  
 Brattain, M.G. see R. Wang, 3164  
 Bréard, J. see S. Potin, 118  
 Brearley, C.A. see D. Sweetman, 4165  
 Breitmayer, J.-P. see S. Le Bras, 967  
 Bren, U. see V. Martinek, 775  
 Brennicke, A. see M. Takenaka, 2743  
 Brennwald, P. and G. Rossi, Spatial regulation of exocytosis and cell polarity: Yeast as a model for animal cells, 2119  
 Breslin, M.B., H.-W. Wang, A. Pierce, R. Aucoin and M.S. Lan, Neurogenin 3 recruits CBP co-activator to facilitate histone H3/H4 acetylation in the target gene INSM1, 949  
 Breton, C. see M. Randrianisoa, 2652  
 Brnstrm, R. see J.T. Deeney, 4080  
 Brser, T. see J. Behrendt, 4085  
 Brisson, J. see P. Giguère, 3863  
 Broco, M., C.M. Soares, S. Oliveira, S.G. Mayhew and C. Rodrigues-Pousada, Molecular determinants for FMN-binding in *Desulfovibrio gigas* flavodoxin, 4397  
 Broere, F. see L. Wieten, 3716  
 Brooks, G. see S.M. Harrison, 1275  
 Brown, J.E.P., D.J. Onyango and S.J. Dunmore, Resistin down-regulates insulin receptor expression, and modulates cell viability in rodent pancreatic beta-cells, 3273  
 Brown, L.S. see Y. Fan, 2557  
 Brown, M.A. see J.M. Saunus, 3435  
 Brown, T. see P.A. Rachwal, 1657  
 Browning, K.S. see V. Nicaise, 1041  
 Brueckner, F. and P. Cramer, DNA photodamage recognition by RNA polymerase II, 2757  
 Bruix, M. see A.M. Candel, 687  
 Brunati, A.M. see M. Salvi, 5579  
 Bruni, P. see C. Donati, 4384  
 Brunner, M. see A. Diernfellner, 5759  
 Bruno, L. see M.M. Echarte, 2905  
 Bryant, D.A. see G.T. Oostergetel, 5435  
 Búa, J. see M. Galindo, 2022  
 Buchrieser, C. see M. Jules, 2829  
 Buck, F. see M. Christenn, 5173  
 Buckley, C.D. see S. Lax, 3550  
 Budarina, Z.I. see E.A. Rodikova, 1190  
 Bühring, H.-J. see S.E. Perry, 1137  
 Bukoreshtliev, N.V. see H.-H. Gerdes, 2194  
 Bukoreshtliev, N.V. see H.-H. Gerdes, 3332  
 Bulder, I. see S. Zeerleder, 5382  
 Burcelin, R. see B. Cariou, 5191  
 Burisch, C., G.F. Wildner and J. Schlitter, Bioinformatic tools uncover the C-terminal strand of Rubisco's large subunit as hot-spot for specificity-enhancing mutations, 741  
 Burks, S.R. see E. de Leeuw, 515  
 Burns, G.F. see R.F. Thorne, 1227  
 Burova, E., K. Vassilenko, V. Dorosh, I. Gonchar and N. Nikolsky, Interferon gamma-dependent transactivation of epidermal growth factor receptor, 1475  
 Burrola-Barraza, E. see E. Solano-González, 2919  
 Bury, N.R. see C.A. Cooper, 2599  
 Busby, J. see K.W. Kim, 995  
 Busse, K. see A.M. Simm, 3904  
 Butala, M., M. Hodošček, G. Anderluh, Z. Podlesek and D. Žgur-Bertok, Intradomain LexA rotation is a prerequisite for DNA binding specificity, 4816  
 Butow, R.A. see C. Jin, 5658  
 Büttner, M., The monosaccharide transporter(-like) gene family in *Arabidopsis*, 2318  
 Buzdin, A., E. Gogvadze and M.-H. Lebrun, Chimeric retrogenes suggest a role for the nucleolus in LINE amplification, 2877
- ## C
- Cacciapuoti, G., C. Manna, D. Napoli, V. Zappia and M. Porcelli, Homocysteine-induced endothelial cell adhesion is related to adenosin lowering and is not mediated by S-adenosylhomocysteine, 4567  
 Cáceres, J.F. see P. Fortes, 3087  
 Caddick, S.E.K. see D. Sweetman, 4165  
 Cader, M.Z., J. Ren, P.A. James, L.E. Bird, K. Talbot and D.K. Stammers, Crystal structure of human wildtype and S581L-mutant glycyl-tRNA synthetase, an enzyme underlying distal spinal muscular atrophy, 2959  
 Caffarri, S., F. Passarini, R. Bassi and R. Croce, A specific binding site for neoxanthin in the monomeric antenna proteins CP26 and CP29 of Photosystem II, 4704  
 Caffrey, C. see S. Kanaji, 4260  
 Cafisch, A. see R. Friedman, 4120  
 Calderwood, S.K., S.S. Mambula, P.J. Gray Jr. and J.R. Theriault, Extracellular heat shock proteins in cell signaling, 3689  
 Cali, G. see C. De Lorenzo, 296

- Calissano, M., J.K.J. Diss and D.S. Latchman, Post-transcriptional regulation of the Brn-3b transcription factor in differentiating neuroblastoma cells, 2490
- Call, M.K. see E. Makarev, 1865
- Callis, J. see G.F.E. Scherer, 4205
- Calosci, N. see C.N. Chi, 1109
- Calvo, M. see F. Lázaro-Díéguez, 3875
- Cámara-Artigas, A. see M. Andújar-Sánchez, 3449
- Cámara-Artigas, A. see J.M. Martín-García, 1701
- Cámara, Y. see C. Duval, 955
- Camborde, L., V. Tournier, M. Noizet and I. Jupin, A *Turnip yellow mosaic virus* infection system in *Arabidopsis* suspension cell culture, 337
- Campa, V.M. see J. Riera, 3057
- Campbell, E.C. see A.N. Antoniou, 1988
- Candel, A.M., F. Conejero-Lara, J.C. Martinez, N.A.J. van Nuland and M. Bruix, The high-resolution NMR structure of a single-chain chimeric protein mimicking a SH3-peptide complex, 687
- Candinas, D. see S. Sibold, 989
- Candresse, T. see V. Nicaise, 1041
- Cano, A. see M.M. Faraldo, 831
- Cantara, S., P.E. Thorpe, M. Ziche and S. Donnini, TAT-BH4 counteracts A $\beta$  toxicity on capillary endothelium, 702
- Cantini, F. see Y. Arendt, 4723
- Cantrell, D. see M. Mullin, 4309
- Cantrell, D.A. see P. Liu, 1377
- Cantrell, D.A. see C. David Wood, 3494
- Canver, A. see N.S. Hwang, 4172
- Cao, A. see C. Laguillier, 1143
- Cao, C. see P. Tang, 1103
- Cao, L., X. Ding, W. Yu, X. Yang, S. Shen and L. Yu, Phylogenetic and evolutionary analysis of the septin protein family in metazoan, 5526
- Capaldi, R.A. see J. Xie, 3545
- Capdevila, D.M. see C.A. Cooper, 2599
- Capitanio, G. see F. Francia, 611
- Capitanio, N. see C. Piccoli, 3111
- Caranta, C. see V. Nicaise, 1041
- Carbonell, J. see D. Ortiz-Masia, 1834
- Carcedo, M.T. see J. Riera, 3057
- Carelli, V. see M.L. Valentino, 3410
- Cariou, B., E. Bouchaert, M. Abdelkarim, J. Dumont, S. Caron, J.-C. Fruchart, R. Burcelin, F. Kuipers and B. Staels, FXR-deficiency confers increased susceptibility to torpor, 5191
- Carita, J.N. see S.A.L. Lobo, 433
- Carlier, M.-F. see N. Ramarao, 853
- Carlson, J.R. see C. Lundin, 5601
- Carmona, A.K. see L.G. de Deus Teixeira, 2411
- Caron, S. see B. Cariou, 5191
- Carpen, A. see A. Cereda, 1625
- Carpéné, C. see V. Rolli, 394
- Carreras, A. see R. Valderrama, 453
- Carrier, I., I.L. Urbatsch, A.E. Senior and P. Gros, Mutational analysis of conserved aromatic residues in the A-loop of the ABC transporter ABCB1A (mouse Mdr3), 301
- Carrillo, L. see M. Martinez, 2914
- Carroll, C. see S.M. Soond, 1217
- Carroll, C.A. see P. Lemma-Gray, 437
- Carroll, J. see R. Chen, 3145
- Casane, D. see J.-L. Da Lage, 3927
- Cassard-Doulcier, A.-M. see S. Rousset, 479
- Cassiman, J.-J. see R. Pourebrahim, 5122
- Castan-Laurell, I. see V. Rolli, 394
- Castaño, J.P. see D. Cruz-García, 3149
- Casteilla, L. see P. Flachs, 1093
- Castilla, R. see A. Duarte, 4023
- Castillo, A.F. see A. Duarte, 4023
- Castro, V.M. see K.W. Kim, 995
- Catalano, M. see C. Limatola, 2641
- Cavaillon, J.-M. see M. Adib-Conquy, 3723
- Cavanagh, J. see P.D. McLaughlin, 1425
- Cavanagh, J. see D.R. Kordys, 4778
- Cecchini, G. see I.S. Gostimskaya, 5803
- Cencetti, F. see C. Donati, 4384
- Cenci, S. and R. Sitia, Managing and exploiting stress in the antibody factory, 3652
- Cereda, A., A. Carpen, G. Picariello, M. Iriti, F. Faoro, P. Ferranti and S. Pagani, Effects of the deficiency of the rhodanese-like protein RhdA in *Azotobacter vinelandii*, 1625
- Cerignoli, F. see I. Friedberg, 2527
- Cerni, C. see K.W. Sommer, 4921
- Cha, H.J. see D.H. Choi, 1649
- Chabriere, E. see S. Ahn, 3455
- Chafiai, F. see V. Nicaise, 1041
- Chaki, M. see R. Valderrama, 453
- Chakrabarti, P. see B. Dasgupta, 4529
- Chakrabarti, R., J.M. Walker, E.G. Chapman, S.P. Shepardson, R.J. Trdan, J.P. Curole, G.T. Watters, D.T. Stewart, S. Vijayaraghavan and W.R. Hoeh, Reproductive function for a C-terminus extended, male-transmitted cytochrome *c* oxidase subunit II protein expressed in both spermatozoa and eggs, 5213
- Chalfant, C.E. see P. Mitra, 735
- Chan, D.C. see Y. Zhang, 2168
- Chan, T., A. Kondow, A. Hosoya, K. Hitachi, A. Yukita, K. Okabayashi, H. Nakamura, H. Ozawa, H. Kiyonari, T. Michiue, Y. Ito and M. Asashima, *Ripply2* is essential for precise somite formation during mouse early development, 2691
- Chanda, I., A. Pan, S.K. Saha and C. Dutta, Comparative codon and amino acid composition analysis of Trityps-conspicuous features of *Leishmania major*, 5751
- Chanda, S.K. see F. Yu, 3485
- Chandel, N.S. see B.M. Emerling, 5727
- Chang, C.-C. see T.-C. Huang, 3517
- Chang, H.-Y. see T.-C. Huang, 3517
- Chang, L.Y.X. see M.Q. Liao, 1161
- Chang, M. see C.-P. Chen, 1891
- Chang, S.-C. see T.-C. Chuang, 4443
- Chang, T.L., N. Teleshova, A. Rapista, M. Paluch, R.A. Anderson, D.P. Waller, L.J.D. Zaneveld, A. Granelli-Piperno and M.E. Klotman, SAMMA, a mandelic acid condensation polymer, inhibits dendritic cell-mediated HIV transmission, 4596
- Chang, V.T. see M. Crispin, 1963
- Chang, W. see D. Upadhyay, 248
- Chang, W. see J. Zhang, 4148
- Changwei, Z., X. Mingyong and W. Ranran, Afr1p has a role in regulating the localization of Mpk1p at the shmoo tip in *Saccharomyces cerevisiae*, 2670
- Chantry, A. see G.M.O. Möller, 1329
- Chao, T. see X. Yan, 1587
- Chapman, E.G. see R. Chakrabarti, 5213
- Chapman, S.K. see S.J. Atkinson, 3805
- Charames, G.S. see S. Esufali, 4850
- Chatterjee, J., A. Mukherjee, K. Mukherjee, P.K. Dutta and K. Chaudhuri, Statistical modeling of ultrastructural features of murine dermal collagen under chronic low-dose whole body X-irradiation, 5034
- Chatzopoulos, S.A. see A.K. Papadopoulou, 2041
- Chaudhuri, K. see J. Chatterjee, 5034
- Chaumont, F. see M. Frison, 4010
- Chayama, K. see N. Hiraga, 1983
- Chebotareva, N. see N. Golub, 4223
- Chen, B. see Y. Wang, 3069
- Chen, C. see R.R. Lareu, 2709
- Chen, C., Z. Zhou, P. Guo and J.-T. Dong, Proteasomal degradation of the KLF5 transcription factor through a ubiquitin-independent pathway, 1124
- Chen, C., J. Cui, W. Zhang and P. Shen, Robustness analysis identifies the plausible model of the Bcl-2 apoptotic switch, 5143
- Chen, C.-H. see L. Huang, 4955
- Chen, C.-L. see C.-H. Pan, 526
- Chen, C.-P., J.-C. Chou, B.R. Liu, M. Chang and H.-J. Lee, Transfection and expression of plasmid DNA in plant cells by an arginine-rich intracellular delivery peptide without protoplast preparation, 1891
- Chen, C.-Y. see T.-Y. Wu, 3120
- Chen, E.H., E. Grote, W. Mohler and A. Vignery, Cell-cell fusion, 2181
- Chen, F. see X. Zeng, 2509
- Chen, G.-D. see C.-Y. Chu, 4265
- Chen, G.G. see Z.-M. Liu, 2465
- Chen, H.-q., K.-p. Chen, Q. Yao, Z.-j. Guo and L.-l. Wang, Characterization of a late gene, ORF67 from *Bombyx mori* nucleopolyhedrovirus, 5836
- Chen, K.-M., N. Martemyanova, Y. Lu, K. Shindo, H. Matsuo and R.S. Harris, Extensive mutagenesis experiments corroborate a structural model for the DNA deaminase domain of APOBEC3G, 4761
- Chen, K.-p. see H.-q. Chen, 5836
- Chen, L.-Y. see S.Y. Kim, 3833
- Chen, M. see S. Santabarbara, 1567
- Chen, M. see Y. Ni, 707

- Chen, M. see K.W. Kim, 995
- Chen, Q., M. Kazachkov, Z. Zheng and J. Zou, The yeast acylglycerol acyltransferase LCA1 is a key component of Lands cycle for phosphatidylcholine turnover, 5511
- Chen, R., M.J. Runswick, J. Carroll, I.M. Fearnley and J.E. Walker, Association of two proteolipids of unknown function with ATP synthase from bovine heart mitochondria, 3145
- Chen, S. see J. He, 2965
- Chen, S.-T. see T.-C. Huang, 3517
- Chen, S.C. see A.L. Hunter, 879
- Chen, X. see S. Tan, 1081
- Chen, X. see X. Zhou, 4943
- Chen, X.-Q. see Q.-G. Ren, 1521
- Chen, Y. see W. Jin, 3826
- Chen, Y.-C. see C.-Y. Chu, 4265
- Chen, Y.-H. see R. Tatum, 3887
- Chen, Y.-J. see T.-Y. Wu, 3120
- Chen, Y.C. see M.Q. Liao, 1161
- Chen, Z.-C. see Y. Sun, 131
- Cheng-Xue, R. see N. Quoix, 4235
- Cheng, C.-H. see C.-Y. Chu, 4265
- Cheng, Q. see M. Ljubkovic, 4255
- Cheng, T. see W. Jin, 3826
- Cheng, Y. see W.-F. Liu, 1047
- Chernoff, Y.O., Stress and prions: Lessons from the yeast model, 3695
- Cheung, A.W.H. see Q.T. Gao, 233
- Cheung, A.W.H. see Q.T. Gao, 5087
- Cheung, J.K.H. see Q.T. Gao, 233
- Cheung, J.K.H. see Q.T. Gao, 5087
- Cheung, L.W.T., Y.F. Lee, T.W. Ng, W.K. Ching, U.S. Khoo, M.K.P. Ng and A.S.T. Wong, CpG/CpNpG motifs in the coding region are preferred sites for mutagenesis in the breast cancer susceptibility genes, 4668
- Cheung, P.-Y. see Y.-F. Shi, 203
- Chevillard, G. see Z. Nouhi, 5401
- Chi, C.N., S. Gianni, N. Calosci, C. Travaglini-Allocatelli, Å. Engström and P. Jemth, A conserved folding mechanism for PDZ domains, 1109
- Chiang, C.-T., T.-D. Way, S.-J. Tsai and J.-K. Lin, Diosgenin, a naturally occurring steroid, suppresses fatty acid synthase expression in HER2-overexpressing breast cancer cells through modulating Akt, mTOR and JNK phosphorylation, 5735
- Chiba, Y. see M.K. Kaneko, 331
- Chien, S. see T.A. Hornberger, 4562
- Chihara, Y. see T. Yotsui, 427
- Chilakamarthi, U., S.K. Mukherjee and J.K. Deb, Intervention of geminiviral replication in yeast by ribozyme mediated downregulation of its Rep protein, 2675
- Ching, W.K. see L.W.T. Cheung, 4668
- Chirico, G. see P. Indovina, 719
- Chishiro, S. see K. Takata, 475
- Chiu, C.-C. see Y.-F. Tsay, 2290
- Chizhov, I. see N. Mennes, 1487
- Chlench, S., N. Mecha Disassa, M. Hohberg, C. Hoffmann, T. Pohlkamp, G. Beyer, M. Bongrazio, L. Da Silva-Azevedo, O. Baum, A.R. Pries and A. Zakrzewicz, Regulation of Foxo-1 and the angiopoietin-2/Tie2 system by shear stress, 673
- Cho, H., D.-R. Ahn, H. Park and E.G. Yang, Modulation of p300 binding by posttranslational modifications of the C-terminal activation domain of hypoxia-inducible factor-1 $\alpha$ , 1542
- Cho, J.Y. see S.-y. Kim, 865
- Cho, K.-H. see H.-S. Choi, 2684
- Cho, K.-H. see T.-H. Kim, 4899
- Cho, K.H. see S. Kim, 3869
- Cho, K.S. see N.G. Lee, 2625
- Cho, M. see H.-o. Lee, 5640
- Cho, Y.S. see K.-H. Kim, 3303
- Choe, J. see N. Oh, 5158
- Choi, B.-R. see K.-S. Kim, 4065
- Choi, B.-R. see K.-S. Kim, 5733
- Choi, C. see K. Choi, 4691
- Choi, D.H., J.S. Ha, W.H. Lee, J.K. Song, G.Y. Kim, J.H. Park, H.J. Cha, B.J. Lee and J.W. Park, Heat shock protein 27 is associated with irinotecan resistance in human colorectal cancer cells, 1649
- Choi, H.-S., S. Han, H. Yokota and K.-H. Cho, Coupled positive feedbacks provoke slow induction plus fast switching in apoptosis, 2684
- Choi, H.-S. see H.-H. Shin, 4355
- Choi, I.-W. see J.S. Lee, 57
- Choi, I.-Y. see S.-S. Nah, 1928
- Choi, J.Y. see B.-M. Kim, 3005
- Choi, K., J. Lee and C. Choi, Divergent effect of proteasome inhibition on interleukin-1 $\beta$  and tumor necrosis factor  $\alpha$  signaling in human astroglial cells, 4691
- Choi, R.C.Y. see Q.T. Gao, 233
- Choi, R.C.Y. see Q.T. Gao, 5087
- Choi, W.-H. see K.-S. Kim, 4065
- Choi, W.-H. see K.-S. Kim, 5733
- Choi, Y.K. see H.-L. Kim, 5430
- Chollet, R. see E.R. Moellering, 4871
- Chomienne, O. see A.C. Rufer, 3247
- Choquer, M., M.-H. Lee, H.-J. Bau, and K.-R. Chung, Deletion of a MFS transporter-like gene in *Cercospora nicotianae* reduces cercosporin toxin accumulation and fungal virulence, 489
- Chou, J.-C. see C.-P. Chen, 1891
- Chou, J.Y. see S.Y. Kim, 3833
- Choudhury, R. and N.S. Puneekar, Competitive inhibition of glutamate dehydrogenase reaction, 2733
- Christenn, M., S. Kindler, S. Schulz, F. Buck, D. Richter and H.-J. Kreienkamp, Interaction of brain somatostatin receptors with the PDZ domains of PSD-95, 5173
- Chu, C.-Y., C.-H. Cheng, G.-D. Chen, Y.-C. Chen, C.-C. Hung, K.-Y. Huang and C.-J. Huang, The zebrafish erythropoietin: Functional identification and biochemical characterization, 4265
- Chu, G.K.Y. see Q.T. Gao, 233
- Chu, G.K.Y. see Q.T. Gao, 5087
- Chuang, T.-C., J.-Y. Liu, C.-T. Lin, Y.-T. Tang, M.-H. Yeh, S.-C. Chang, J.-W. Li and M.-C. Kao, Human manganese superoxide dismutase suppresses HER2/neu-mediated breast cancer malignancy, 4443
- Chulalaksananukul, W. see S. Suwannarangsee, 4675
- Chung, A.-S. see K.-H. Kim, 3303
- Chung, H.-S. see C. Lee, 2517
- Chung, H.W. see B.-M. Kim, 3005
- Chung, H.Y. see J.S. Lee, 57
- Chung, J.H. see S. Kim, 3869
- Chung, M.H. see K.A. Kang, 2000
- Chung, W.S. see S.M. Lee, 3943
- Chung, K.-R. see M. Choquer, 489
- Chyan, C.L. see M.Q. Liao, 1161
- Ciacchi, L. see E. Roat, 521
- Ciarlo, L. see T. Garofalo, 3899
- Ciferri, C., A. Musacchio and A. Petrovic, The Ndc80 complex: Hub of kinetochore activity, 2862
- Cinatl Jr., J. see H. Ogbomo, 1317
- Cirioni, J.-R. see R. Merret, 5295
- Cisneros, B. see A. Andrade, 4430
- Clancy, C.M. see S. Pellett, 4803
- Clark, M.A., P.R. Sethi and N.A. Lambert, Active G $\alpha_q$  subunits and M3 acetylcholine receptors promote distinct modes of association of RGS2 with the plasma membrane, 764
- Clarke, A.J. see C.W. Reid, 4988
- Clarke, R. see M. Mullin, 4309
- Claudel, T., G. Cretenet, A. Saumet and F. Gachon, Crosstalk between xenobiotics metabolism and circadian clock, 3626
- Cleasby, A. see H.M. Pereira, 5082
- Cocco, T. see L. Giachini, 5645
- Cocucci, E. see I. Prada, 4932
- Coddeville, B. see E. Ellass, 1383
- Coelho, A.V. see F.M.A. Valente, 3341
- Cogé, F. see G. Ferry, 3572
- Cohen, H. see N. Borovok, 5843
- Cohen, P.T.W. see I.R. Kelsall, 4749
- Cohn, J.B. see P.B. Thornhill, 4455
- Collini, M. see P. Indovina, 719
- Collisi, W. see A.M. Swistowska, 4036
- Colmenero-Varea, P. see R. Valderrama, 453
- Colo, G.P., R.R. Rosato, S. Grant and M.A. Costas, RAC3 down-regulation sensitizes human chronic myeloid leukemia cells to TRAIL-induced apoptosis, 5075
- Colonna, C. see F. Lázaro-Díéguez, 3875
- Colosimo, A. see M.C. Palumbo, 2485
- Colot, H.V. see A. Diernfellner, 5759
- Combettes, L. see E. Gonzales, 3260
- Comella, J.X. see J. Zhang, 5781
- Conejero-Lara, F. see A.M. Candel, 687
- Conklin, D. see T.J. Sheldon, 5268
- Conner, G.E. see M.-C. Nlend, 3241
- Conner, G.E., C. Wijkstrom-Frei, S.H. Randell, V.E. Fernandez and M. Salathe, The lactoperoxidase system links anion transport to host defense in cystic fibrosis, 271



Consolo, U. see E. Roat, 521  
 Conway de Macario, E. see A.J.L. Macario, 3681  
 Cook, G.P. see S.E. Perry, 1137  
 Coombs, G.H. see S. Kanaji, 4260  
 Coombs, G.H. see C.X. Moss, 5635  
 Cooper, C.A., M. Shayeghi, M.E. Techau, D.M. Capdevila, S. MacKenzie, C. Durrant and N.R. Bury, Analysis of the rainbow trout solute carrier 11 family reveals iron import  $\leq$  pH 7.4 and a functional isoform lacking transmembrane domains 11 and 12, 2599  
 Cooper, L.J. see A. Masad, 3489  
 Corbeil, D. see P. Janich, 1783  
 Corey, D.P. see D. Scheffer, 4651  
 Corkey, B.E. see J.T. Deeney, 4080  
 Cormont, M. see M. Aouadi, 5591  
 Cornejo Maciel, F. see A. Duarte, 4023  
 Corpas, F.J. see R. Valderrama, 453  
 Corradi, M. see M. Gulli, 4841  
 Corrêa Soares, J.B.R., C.M. Maya-Monteiro, P.R.B. Bittencourt-Cunha, G.C. Atella, F.A. Lara, J.C.P. d'Avila, D. Menezes, M.A. Vannier-Santos, P.L. Oliveira, T.J. Egan and M.F. Oliveira, Extracellular lipid droplets promote hemozoin crystallization in the gut of the blood fluke *Schistosoma mansoni*, 1742  
 Cortassa, S. see M.A. Aon, 8  
 Cortegano, M. see F. Lázaro-Díéguez, 3875  
 Corvol, P. see G. Sihn, 962  
 Cossarizza, A. see E. Roat, 521  
 Cossarizza, A. see M. Pinti, 3882  
 Costa, M.L. see D.M. Portilho, 5787  
 Costas, M.A. see G.P. Colo, 5075  
 Cotter, C. see B.P. Craddock, 3235  
 Couble, P. see J. Huang, 697  
 Coumoul, X. see R. Barouki, 3608  
 Cournac, L. see C. Desplats, 4017  
 Cox, J.A. see F. Tirone, 1202  
 Cozzi, R. see Y. Arendt, 4723  
 Craddock, B.P., C. Cotter and W.T. Miller, Autoinhibition of the insulin-like growth factor I receptor by the juxtamembrane region, 3235  
 Craddock, J. see L. Zhang, 5543  
 Cramer, J.F., P.A. Nordberg, J. Hajdu and S. Lejon, Crystal structure of a bacterial albumin-binding domain at 1.4 Å resolution, 3178  
 Cramer, P. see F. Brueckner, 2757  
 Cretenet, G. see T. Claudel, 3626  
 Crispin, M., A.R. Aricescu, V.T. Chang, E.Y. Jones, D.I. Stuart, R.A. Dwek, S.J. Davis and D.J. Harvey, Disruption of  $\alpha$ -mannosidase processing induces non-canonical hybrid-type glycosylation, 1963  
 Croce, R. see S. Caffarri, 4704  
 Cross, C.E. see V.T. Vasu, 1572  
 Cruz-Garcia, D., R. Vazquez-Martinez, J.R. Peinado, Y. Anouar, M.C. Tonon, H. Vaudry, J.P. Castaño and M.M. Malagon, Identification and characterization of two novel (neuro)endocrine long coiled-coil proteins, 3149  
 Csala, M., E. Margittai, S. Senesi, A. Gamberucci, G. Bánhegyi, J. Mandl and A. Benedetti, Inhibition of hepatic glucose 6-phosphatase system by the green tea flavanol epigallocatechin gallate, 1693  
 Csala, M. see G. Bánhegyi, 3634  
 Csermely, P. see C. Böde, 2776  
 Csermely, P. see M.S. Szalay, 3675  
 Csokova, N. see J. Sevcik, 5872  
 Cubí, R. see C. Gil, 1851  
 Cui, J. see C. Chen, 5143  
 Cui, Y. see Z. Qu, 580  
 Cuin, T.A. see S. Shabala, 1993  
 Cuiné, S. see C. Desplats, 4017  
 Cukier, I.H., Y. Li and J.M. Lee, Cyclin B1/Cdk1 binds and phosphorylates Filamin A and regulates its ability to cross-link actin, 1661  
 Cumming, M., S. Leung, J. McCallum and M.T. McManus, Complex formation between recombinant ATP sulfurylase and APS reductase of *Allium cepa* (L.), 4139  
 Cunningham, A.F. see S. Lax, 3550  
 Curole, J.P. see R. Chakrabarti, 5213  
 Cuypers, E., A. Yanagihara, E. Karlsson and J. Tytgat, Corrigendum to "Jellyfish and other cnidarian envenomations cause pain by affecting TRPV1 channels" [FEBS Lett. 580 (2006) 5728–5732], 1699  
 Cymbalista, F. see C. Laguillier, 1143  
 Czekalla, A. see A.-P. Arrigo, 3665  
 Czeredys, M. see K.A. Nałęcz, 3950

# D

D'Addario, I. see C. Mazzoni, 4836  
 D'Alessio, G. see D.M. Monti, 930  
 D'Alessio, G. see C. De Lorenzo, 296  
 D'Aprile, A. see C. Piccoli, 3111  
 D'Auria, J.C., M. Reichelt, K. Luck, A. Svatoš and J. Gershenzon, Identification and characterization of the BAHD acyltransferase malonyl CoA: Anthocyanidin 5-O-glucoside-6''-O-malonyltransferase (At5MAT) in *Arabidopsis thaliana*, 872  
 d'Avila, J.C.P. see J.B.R. Corrêa Soares, 1742  
 Da Lage, J.-L., E.G.J. Danchin and D. Casane, Where do animal  $\alpha$ -amylases come from? An interkingdom trip, 3927  
 Da Silva-Azevedo, L. see S. Chlench, 673  
 Daher, R. see N. Floquet, 2981  
 Dahl, G. see S. Locovei, 483  
 Dahl, G. see L. Bao, 5703  
 Dahler, A.L., D. Rickwood, A. Guminski, N. Teakle and N.A. Saunders, Indole-3-carbinol – Induced growth inhibition can be converted to a cytotoxic response in the presence of TPA +  $\text{Ca}^{2+}$  in squamous cell carcinoma cell lines, 3839  
 Dai, X.-L., Y.-X. Sun and Z.-F. Jiang, Attenuated cytotoxicity but enhanced  $\beta$ -fibril of a mutant amyloid  $\beta$ -peptide with a methionine to cysteine substitution, 1269  
 Dale, L. see C. Devader, 5332  
 Dalmay, T. see T. Ho, 3267  
 Dalmay, T. see J.R. Phillips, 3592  
 Dalton, J.P. see S. Kanaji, 4260  
 Damian, M., S. Perino, A. Polidori, A. Martin, L. Serre, B. Pucci and J.-L. Banères, New tensio-active molecules stabilize a human G protein-coupled receptor in solution, 1944  
 Dampier, B. see K. Aigner, 1617  
 Danchin, E.G.J. see J.-L. Da Lage, 3927  
 Danesi, F. see A. Bordoni, 923  
 Das, A.K. see R. Shrivastava, 1903  
 Das, F., L. Mahimainathan, N. Ghosh-Choudhury, B. Venkatesan, B.S. Kasinath, H.E. Abboud and G. Ghosh Choudhury, TGF $\beta$  intercepts nuclear glycogen synthase kinase 3 $\beta$  to inhibit PDGF-induced DNA synthesis in mesangial cells, 5259  
 Dasgupta, A.K. see S. Roy, 5533  
 Dasgupta, B., P. Chakrabarti and G. Basu, Enhanced stability of *cis* Pro-Pro peptide bond in Pro-Pro-Phe sequence motif, 4529  
 Daubie, V., R. De Decker, C. Nicaise and R. Pochet, Osteosarcoma cell-calcium signaling through tissue factor-factorVIIa complex and factor Xa, 2611  
 Daugaard, M., M. Rohde and M. Jäättelä, The heat shock protein 70 family: Highly homologous proteins with overlapping and distinct functions, 3702  
 David Wood, C., A.P. Kelly, S.A. Matthews and D.A. Cantrell, Phosphoinositide-dependent protein kinase-1 (PDK1)-independent activation of the protein kinase C substrate, protein kinase D, 3494  
 Davies, M.J. see I. Rashid, 1067  
 Davies, P.L. see R.A. Hanna, 2894  
 Davies, T.G.E. see P.N.R. Usherwood, 5485  
 Davis, S.J. see M. Crispin, 1963  
 Dawood, H. see J.H. Norum, 15  
 Dawson, R.J.P. and K.P. Locher, Structure of the multidrug ABC transporter Sav1866 from *Staphylococcus aureus* in complex with AMP-PNP, 935  
 de Angeli, A., S. Thomine, J.-M. Frachisse, G. Ephritikhine, F. Gambale and H. Barbier-Brygoo, Anion channels and transporters in plant cell membranes, 2367  
 De Buck, E., L. Vranckx, E. Meyen, L. Maes, L. Vandersmissen, J. Anné and E. Lammertyn, The twin-arginine translocation pathway is necessary for correct membrane insertion of the Rieske Fe/S protein in *Legionella pneumophila*, 259  
 De Decker, R. see V. Daubie, 2611  
 de Deus Teixeira, L.G., P.A. Bersanetti, S. Schreier, A.K. Carmona and C.R. Nakaie, Analogues containing the paramagnetic amino acid TOAC as substrates for angiotensin I-converting enzyme, 2411  
 de Keyser, J., A. Regeling and A.J.M. Driessen, Arginine 357 of SecY is needed for SecA-dependent initiation of preprotein translocation, 1859  
 de Kruijff, B. see M. Raja, 5715  
 de Lange, P. see A. Lombardi, 5911  
 de Leeuw, E., S.R. Burks, X. Li, J.P.Y. Kao and W. Lu, Structure-dependent functional properties of human defensin 5, 515

- de León, M.B. see A. Andrade, 4430
- De Lorenzo, C., C. Di Malta, G. Cali, F. Troise, L. Nitsch and G. D'Alessio, Intracellular route and mechanism of action of ERB-hRNase, a human anti-ErbB2 anticancer immunoagent, 296
- de Pinto, M.C. see R.A. Vacca, 917
- de Valdez, G.F. see F. Santos, 4865
- de Vos, W.M. see F. Santos, 4865
- de Vries, B., J.A.K.W. Kiel, R. Scheek, M. Veenhuis and I.J. van der Klei, A conserved alpha helical domain at the N-terminus of Pex14p is required for PTS1 and PTS2 protein import in *Hansenula polymorpha*, 5627
- de Vries, R.P. see X.-L. Li, 4029
- De Wever, I. see R. Pourebrahim, 5122
- Deb, J.K. see U. Chilakamarthi, 2675
- Deber, C.M. see A. Rath, 1335
- Dębiec, J., From affiliative behaviors to romantic feelings: A role of nanopeptides, 2580
- Deckert, M. see S. Le Bras, 967
- Deeney, J.T., R. Brnstrm, B.E. Corkey, O. Larsson and P.-O. Berggren, <sup>3</sup>H-serotonin as a marker of oscillatory insulin secretion in clonal  $\beta$ -cells (INS-1), 4080
- Degoutin, J., M. Vigny and J.Y. Gouzi, ALK activation induces Shc and FRS2 recruitment: Signaling and phenotypic outcomes in PC12 cells differentiation, 727
- Dehò, G. see A. Benjdia, 1009
- Dekel, N. see K. Shkolnik, 4891
- Del Conte, R. see Y. Arendt, 4723
- del Río, L.A. see R. Valderrama, 453
- Délérís, G. see C. Petibois, 5469
- Delevallée-Forte, C. see S. Jaisson, 1509
- Delhaize, E., B.D. Gruber and P.R. Ryan, The roles of organic anion permeases in aluminium resistance and mineral nutrition, 2255
- Dell'Orco, D., M. Seeber and F. Fanelli, Monomeric dark rhodopsin holds the molecular determinants for transducin recognition: Insights from computational analysis, 944
- Della Valle, G. see S. Amente, 821
- Dencher, N.A. see H.J. Schwabmann, 1391
- Deng, H. see Y. Liu, 4318
- Deng, W. see F. Zhou, 34
- Deng, W.W. see Y. Lin, 5151
- Dengl, M. see K. Rother, 1166
- Denise, A. see O. Namy, 5282
- Dennis, E.S. see L. Wang, 3848
- Dennler, J. see A. Weiss, 5131
- Der, C. see H. Nziengui, 3356
- Derjuga, A. see Z. Nouhi, 5401
- DeRosa, A.M. see A.D. Hoptak-Solga, 3297
- Desbarats, J. see P.B. Thornhill, 4455
- Deschatrette, J. see C. Wolfrom, 125
- Descovich, L. see K. Aigner, 1617
- Desplats, C., A. Beyly, S. Cuiné, L. Bernard, L. Cournac and G. Peltier, Modification of substrate specificity in single point mutants of *Agrobacterium tumefaciens* type II NADH dehydrogenase, 4017
- Dessauge, F. see A. Ghadiri, 1605
- Dettin, M. see A. Pasquato, 5807
- Deugnier, M.-A. see M.M. Faraldo, 831
- Deushi, M., M. Nomura, A. Kawakami, M. Haraguchi, M. Ito, M. Okazaki, H. Ishii and M. Yoshida, Ezetimibe improves liver steatosis and insulin resistance in obese rat model of metabolic syndrome, 5664
- Devader, C., C.M. Drew, T.J. Geach, J. Tabler, A. Townsend-Nicholson and L. Dale, A novel nucleotide receptor in *Xenopus* activates the cAMP second messenger pathway, 5332
- Devaraj, H. see L. Imayavaramban, 5167
- Dewor, M., G. Steffens, R. Krohn, C. Weber, J. Baron and J. Bernhagen, Macrophage migration inhibitory factor (MIF) promotes fibroblast migration in scratch-wounded monolayers in vitro, 4734
- Dhaese, S., V. Jonckheere, M. Goethals, D. Waltregny, J. Vandekerckhove, C. Ampe and M. Van Troys, Functional and profiling studies prove that prostate cancer upregulated neuroblastoma thymosin  $\beta$  is the true human homologue of rat thymosin  $\beta$ 15, 4809
- Dhayaparan, D. see L. Imayavaramban, 5167
- Dhoot, G.K. see W. Zhao, 4960
- Di Bello, C. see A. Pasquato, 5807
- Di Malata, C. see C. De Lorenzo, 296
- Di Primo, C., I. Rudloff, S. Reigadas, A.A. Arzumanov, M.J. Gait and J.-J. Toulmé, Systematic screening of LNA/2'-O-methyl chimeric derivatives of a TAR RNA aptamer, 771
- Di, G. see W. Jin, 3826
- Diaz-Latoud, C. see A.-P. Arrigo, 3665
- Diaz-Mendoza, M. see M. Martinez, 2914
- Diaz, I. see M. Martinez, 2914
- Diernfellner, A., H.V. Colot, O. Dintsis, J.J. Loros, J.C. Dunlap and M. Brunner, Long and short isoforms of *Neurospora* clock protein FRQ support temperature-compensated circadian rhythms, 5759
- Digard, P. see E.L. Poole, 5300
- Dikic, I. see J. Raguz, 4767
- Dimayuga, E. see L. Zhang, 5543
- Dimitrakov, J.D. see J. Kim, 3795
- Dimopoulos, N., M. Watson, C. Green and H.S. Hundal, The PPAR $\delta$  agonist, GW501516, promotes fatty acid oxidation but has no direct effect on glucose utilisation or insulin sensitivity in rat L6 skeletal muscle cells, 4743
- Ding, J.-P. see Y.-X. Wang, 558
- Ding, X. see D. Liu, 3563
- Ding, X. see L. Cao, 5526
- Ding, X. see Y. Liu, 4318
- Dintsis, O. see A. Diernfellner, 5759
- Diolaiti, D. see S. Amente, 821
- Diss, J.K.J. see M. Calissano, 2490
- Dissanayake, C. see S.-i. Ito, 3217
- Doerr, H.W. see H. Ogbomo, 1317
- Doi, Y. see M. Kuwabara, 4821
- Dolt, K.S. see J. Karar, 4577
- Donati, C., P. Nincheri, F. Cencetti, E. Rapizzi, M. Farnararo and P. Bruni, Tumor necrosis factor- $\alpha$  exerts pro-myogenic action in C2C12 myoblasts via sphingosine kinase/S1P<sub>2</sub> signaling, 4384
- Dong, J.-T. see C. Chen, 1124
- Dong, L.-F. see J. Neuzil, 4611
- Dong, T.T.X. see Q.T. Gao, 233
- Dong, T.T.X. see Q.T. Gao, 5087
- Dong, X., Q. Sun, D. Wei, J. Li, J. Li, B. Tang, Q. Jia, W. Hu, Y. Zhao and Z.-C. Hua, A novel ferritin gene, *SferH-5*, reveals heterogeneity of the 26.5-kDa subunit of soybean (*Glycine max*) seed ferritin, 5796
- Dong, X.B. see Q.T. Gao, 233
- Donnelly, S. see S. Kanaji, 4260
- Donnini, S. see S. Cantara, 702
- Dörmann, P. see N. Schenk, 5517
- Dorosh, V. see E. Burova, 1475
- Dove, B.K. see S.M. Harrison, 1275
- D'Alessio, G. see C. De Lorenzo, 296
- Dreher, C., A. Prodöhl, M. Weber and D. Schneider, Heme binding properties of heterologously expressed spinach cytochrome<sub>b<sub>6</sub></sub>: Implications for transmembrane b-type cytochrome formation, 2647
- Dresbach, T. see T. Kremer, 4727
- Drew, C.M. see C. Devader, 5332
- Driessen, A.J.M. see D. Tomkiewicz, 2820
- Driessen, A.J.M. see J. de Keyzer, 1859
- Drogat, B. see C. Petibois, 5469
- Dröge, P. see O. Li, 3533
- D'Onofrio, G., T.C. Ghosh and S. Saccone, Different functional classes of genes are characterized by different compositional properties, 5819
- Drouillard, S. see M. Randrianisoa, 2652
- Drury, G. see P.B. Thornhill, 4455
- Du, K. see S. Arai, 5649
- Du, S. see N. Hiramatsu, 2055
- Du, Z. see Y. Zhao, 1951
- Duan, R. see Q.T. Gao, 233
- Duan, R. see Q.T. Gao, 5087
- Duarte, A., A.F. Castillo, R. Castilla, P. Maloberti, C. Paz, E.J. Podestá and F. Cornejo Maciel, An arachidonic acid generation/export system involved in the regulation of cholesterol transport in mitochondria of steroidogenic cells, 4023
- Duarte, M. see D. Tremmel, 2036
- Duchniewicz, M. see T. Zemojtel, 2072
- Ducommun, B. see C. Esmenjaud-Mailhat, 3979
- Duhamel, M. see A. Ghadiri, 1605
- Duin, E.C. see D. Adediji, 279
- Dujardin, G. see S. Rousset, 479
- Dumont, J. see B. Cariou, 5191
- Dunlap, J.C. see A. Diernfellner, 5759
- Dunmore, S.J. see J.E.P. Brown, 3273
- Duprat, A. see M. Nicola, 3921
- Dupuis, G. see P. Giguère, 3863
- Durel, B. see G. Ramey, 1053
- Durgan, J., N. Michael, N. Totty and P.J. Parker, Novel phosphorylation site markers of protein kinase C delta activation, 3377
- Durrant, C. see C.A. Cooper, 2599
- Dutta, C. see I. Chanda, 5751

- Dutta, P.K. see J. Chatterjee, 5034  
Dutzler, R., A structural perspective on ClC channel and transporter function, 2839  
Duval, C., Y. Cámara, E. Hondares, B. Sibille and F. Villarroja, Overexpression of mitochondrial uncoupling protein-3 does not decrease production of the reactive oxygen species, elevated by palmitate in skeletal muscle cells, 955  
Dvorsky, R. see J. Sevcik, 5872  
Dwek, R.A. see M. Crispin, 1963  
Dynowski, M. see U. Ludewig, 2301  
Dzugaj, A. see M. Zarzycki, 1347

# E

- Ebihara, K. see T. Ishii, 349  
Ebihara, T. see T. Akazawa, 3334  
Eboshida, A. see F. Higashikawa, 2697  
Echarte, M.M., L. Bruno, D.J. Arndt-Jovin, T.M. Jovin and L.I. Pietrasanta, Quantitative single particle tracking of NGF-receptor complexes: Transport is bidirectional but biased by longer retrograde run lengths, 2905  
Echevarria, C. see J.A. Monreal, 3468  
Eckardt, K. see L. Zhou, 4303  
Eckel, J. see L. Zhou, 4303  
Eckert, C., S. Magnet and S. Mesnage, The *Enterococcus hirae* Mur-2 enzyme displays *N*-acetylglucosaminidase activity, 693  
Edlich, F. see F. Erdmann, 5709  
Edwards, S.L. see J.M. Saunus, 3435  
Egan, T.J. see J.B.R. Corrêa Soares, 1742  
Egea, G. see F. Lázaro-Díéguez, 3875  
Eger, A. see K. Aigner, 1617  
Eggen, R.I.L. see B.B. Fischer, 5555  
Ehira, S. see T. Suzuki, 21  
Ehnfors, J. see A. Bergsmedh, 2943  
Ehrenberg, A. see N. Voevodskaya, 3351  
Eichacker, L.A. see M. Oreb, 5945  
Eickelmann, P. see R. Grempler, 5885  
Eifler, K. see M. Garzón, 3189  
Eikenburg, D.C. see S. Salim, 3204  
Eiseler, T., M.A. Schmid, F. Topbas, K. Pfizenmaier and A. Hausser, PKD is recruited to sites of actin remodelling at the leading edge and negatively regulates cell migration, 4279  
Ekhteraei, D. see A.L. Hunter, 879  
El Sayegh, T.Y., A. Kapus and C.A. McCulloch, Beyond the epithelium: Cadherin function in fibrous connective tissues, 167  
El-Agnaf, O.M.A. see A. Masad, 3489  
El-Sayed, M.A. see S.-i. Ito, 3217  
Elanskaya, I.V. see M.G. Rakhimberdieva, 2429  
Elass, E., B. Coddeville, Y. Guérardel, L. Kremer, E. Maes, J. Mazurier and D. Legrand, Identification by surface plasmon resonance of the mycobacteriallylipomannan and lipoarabinomannan domains involved in binding to CD14 and LPS-binding protein, 1383  
Elegbede, A.I. see B. Ganguly, 5723  
Eleswarapu, S. see Z. Gu, 981  
Elias, M. see S. Ahn, 3455  
Elisseeff, J. see N.S. Hwang, 4172  
Elmore, B.O., D.J. Bergmann, M.G. Klotz and A.B. Hooper, Cytochromes P460 and  $\epsilon'$ -beta; A new family of high-spin cytochromes *c*, 911  
Elofsson, M. see L. Bailey, 587  
Elsässer, H.-P. see B. Schröder, 102  
Elton, D. see E.L. Poole, 5300  
Emerling, B.M., B. Viollet, K.V. Tormos and N.S. Chandel, Compound C inhibits hypoxic activation of HIF-1 independent of AMPK, 5727  
Emre, Y. see S. Rousset, 479  
Enami, I. see A. Okumura, 5255  
Endo, Y. see K. Matsumoto, 1599  
Endo, Y. see H. Germain, 5137  
Engel, T., F. Kannenberg, M. Fobker, J.-R. Nofer, G. Bode, A. Lueken, G. Assmann and U. Seedorf, Expression of ATP binding cassette-transporter ABCG1 prevents cell death by transporting cytotoxic  $\beta$ -hydroxycholesterol, 1673  
Engeland, K. see K. Rother, 1166  
Engelhard, M. see N. Mennes, 1487  
Engström, A. see C.N. Chi, 1109  
Entelis, N. see I. Brandina, 4248  
Ephritikhine, G. see A. de Angeli, 2367  
Epstein, C.B. see C. Jin, 5658  
Erdmann, F., F. Jarczowski, M. Weiwad, G. Fischer and F. Edlich, Hsp90-mediated inhibition of FKBP38 regulates apoptosis in neuroblastoma cells, 5709  
Erdmann, R. see H.W. Platta, 2811  
Eriksson, J.W., Metabolic stress in insulin's target cells leads to ROS accumulation – A hypothetical common pathway causing insulin resistance, 3734  
Erne, P. see S. Ghosh, 4523  
Eronina, T. see N. Golub, 4223  
Escalapez, J., C. Pire, V. Bautista, R.M. Martínez-Espinosa, J. Ferrer and M.J. Bonete, Analysis of acidic surface of *Haloflex mediterranei* glucose dehydrogenase by site-directed mutagenesis, 837  
Esmenjaud-Mailhat, C., V. Lobjois, C. Froment, R.M. Golsteyn, B. Monsarrat and B. Ducommun, Phosphorylation of CDC25C at S263 controls its intracellular localisation, 3979  
Espinoza, I. see M. Galindo, 2022  
Esposito, F. see D.M. Monti, 930  
Esposito, R. see M. Pinti, 3882  
Esteban, I., C. Aguado, M. Sánchez and E. Knecht, Regulation of various proteolytic pathways by insulin and amino acids in human fibroblasts, 3415  
Esufali, S., G.S. Charames and B. Bapat, Suppression of nuclear Wnt signaling leads to stabilization of Rac1 isoforms, 4850  
Ethen, C.M., S.A. Hussong, C. Reilly, X. Feng, T.W. Olsen and D.A. Ferrington, Transformation of the proteasome with age-related macular degeneration, 885  
Evans, M.C.W. see S. Santabarbara, 1567  
Eydallin, G.G. see M.T. Morán-Zorano, 1035  
Eydallin, G., A.M. Viale, M.T. Morán-Zorano, F.J. Muñoz, M. Montero, E. Baroja-Fernández and J. Pozueta-Romero, Genome-wide screening of genes affecting glycogen metabolism in *Escherichia coli* K-12, 2947  
Eydallin, G., M.T. Morán-Zorano, F.J. Muñoz, E. Baroja-Fernández, M. Montero, N. Alonso-Casajús, A.M. Viale and J. Pozueta-Romero, An *Escherichia coli* mutant producing a truncated inactive form of GlgC synthesizes glycogen: Further evidences for the occurrence of various important sources of ADPglucose in enterobacteria, 4417  
Eydallin, G. see M.T. Morán-Zorano, 4423  
Ezaki, O. see Y. Kamei, 91

# F

- Fagard, R. see C. Laguillier, 1143  
Falcone, C. see C. Mazzoni, 4836  
Faller, D.V. see C.N. Mork, 5440  
Fan, L. see X. Guo, 1015  
Fan, L. see S. Wang, 4789  
Fan, S. see C. Peng, 1357  
Fan, X. see C. Peng, 1357  
Fan, Y., L. Shi and L.S. Brown, Structural basis of diversification of fungal retinal proteins probed by site-directed mutagenesis of *Leptosphaeria* rhodopsin, 2557  
Fan, Y.-L. see L. Wang, 3848  
Fanelli, F. see D. Dell'Orco, 944  
Fang, J.-K., S.K. Prabu, N.B. Sepuri, H. Raza, H.K. Anandatheerthavarada, D. Galati, J. Spear and N.G. Avadhani, Site specific phosphorylation of cytochrome *c* oxidase subunits I, IVi1 and Vb in rabbit hearts subjected to ischemia/reperfusion, 1302  
Fang, J.-M. see C.-C. Lee, 5454  
Fanning, E. see P. Taneja, 3973  
Fanzani, A., E. Stoppani, L. Gualandi, R. Giuliani, F. Galbiati, S. Rossi, A. Fra, A. Preti and S. Marchesini, Phenotypic behavior of C2C12 myoblasts upon expression of the dystrophy-related caveolin-3 P104L and TFT mutants, 5099  
Faoro, F. see A. Cereda, 1625  
Faraldo, M.M., J. Teulière, M.-A. Deugnier, W. Birchmeier, J. Huelsenken, J.P. Thiery, A. Cano and M.A. Glukhova,  $\beta$ -Catenin regulates P-cadherin expression in mammary basal epithelial cells, 831

- Farina, L. see M.C. Palumbo, 2485  
 Farnararo, M. see C. Donati, 4384  
 Farndale, R.W. see M. Tulla, 2434  
 Fattoum, A. see C. Roustan, 681  
 Fauconneau, B. see S. Ingrand, 4473  
 Faust, A. see M. Garzón, 3189  
 Faye, A. see G. Ramey, 1053  
 Fearnley, I.M. see R. Chen, 3145  
 Feder-Mengus, C. see S. Ghosh, 4523  
 Feldmann, H., T.C. Marlovits, G. Superti-Furga and K. Kuchler, Vienna special issue: Molecular machines, 2749  
 Felix, R. see A. Andrade, 4430  
 Feng, F. see T.-J. Zhao, 3044  
 Feng, H. see Y. Wang, 3069  
 Feng, J. see F. Yu, 3485  
 Feng, M. see Y. Liu, 4318  
 Feng, X. see C.M. Ethen, 885  
 Feng, X.-P. see Y. Sun, 131  
 Ferguson-Smith, A.C. see M. Kawahara, 5178  
 Feria, A.B. see J.A. Monreal, 3468  
 Ferjani, I. see C. Roustan, 681  
 Fernández-Ocaña, A. see R. Valderrama, 453  
 Fernandez-Salguero, P.M. see R. Barouki, 3608  
 Fernandez, V.E. see G.E. Conner, 271  
 Ferranti, P. see A. Cereda, 1625  
 Ferraresi, R. see E. Roat, 521  
 Ferrari, D.M. see U. Lippert, 3479  
 Ferreira, C. and C. Lucas, Glucose repression over *Saccharomyces cerevisiae* glycerol/H<sup>+</sup> symporter gene *STL1* is overcome by high temperature, 1923  
 Ferrer, J. see J. Esclapez, 837  
 Ferrer, M. see N. López-Cortés, 4657  
 Ferrington, D.A. see C.M. Ethen, 885  
 Ferry, G., A. Giganti, F. Cogé, F. Bertaux, K. Thiam and J.A. Boutin, Functional inactivation of the autotaxin gene by a single amino acid mutation in mouse is lethal, 3572  
 Fidy, J. see B. Varga, 4783  
 Fieber, W. see K. Modig, 4965  
 Field, L.M. see P.N.R. Usherwood, 5485  
 Filipcik, P. see B. Kovacech, 617  
 Fillat, M.F. see J.A. Hernández, 1351  
 Fillmore, H.L. see H.H. Ross, 5923  
 Finkler, A., R. Ashery-Padan and H. Fromm, CAMTAs: Calmodulin-binding transcription activators from plants to human, 3893  
 Finley, D. see J. Hanna, 2854  
 Fischer, B.B., A. Krieger-Liszkay, É. Hideg, I. Šnrychová, M. Wiesendanger and R.I.L. Eggen, Role of singlet oxygen in chloroplast to nucleus retrograde signaling in *Chlamydomonas reinhardtii*, 5555  
 Fischer, G. see F. Erdmann, 5709  
 Fischer, K. see A.P.M. Weber, 2215  
 Fischer, R.-J. see O. Riebe, 5605  
 Fishov, I. see A. Aranovich, 4439  
 Flach, C.-F., F. Qadri, T.R. Bhuiyan, N.H. Alam, E. Jennische, J. Holmgren and I. Lönnroth, Differential expression of intestinal membrane transporters in cholera patients, 3183  
 Flachs, P., J. Sponarova, P. Kopecky, O. Horvath, A. Sediva, M. Nibelink, L. Casteilla, D. Medrikova, J. Neckar, F. Kolar and J. Kopecky, Mitochondrial uncoupling protein 2 gene transcript levels are elevated in maturing erythroid cells, 1093  
 Fleischer, A. see A. Ghadiri, 1605  
 Floquet, N., S. Mouilleron, R. Daher, B. Maigret, B. Badet and M.-A. Badet-Denisot, Ammonia channeling in bacterial glucosamine-6-phosphate synthase (GlmS): Molecular dynamics simulations and kinetic studies of protein mutants, 2981  
 Florián, J. see V. Martínek, 775  
 Flüge, U.-I. and J.I. Schroeder, Plant transporters and channels, 2203  
 Fobker, M. see T. Engel, 1673  
 Fodor, K. see W.A. Stanley, 4795  
 Foisner, R. see K. Aigner, 1617  
 Föllner, M. see R.S. Kasinathan, 5407  
 Fong, C.-C. see Y.-F. Shi, 203  
 Fontcave, M. see M. Sendra, 1362  
 Forkmann, G. see C. Seitz, 3429  
 Forte, J.G. see Y. Liu, 4318  
 Fortes, P., D. Longman, S. McCracken, J.Y. Ip, R. Poot, I.W. Mattaj, J.F. Cáceres and B.J. Blencowe, Identification and characterization of RED120: A conserved PWI domain protein with links to splicing and 3'-end formation, 3087  
 Fortin, C.F., O. Lesur and T. Fulop Jr., Effects of aging on triggering receptor expressed on myeloid cells (TREM)-1-induced PMN functions, 1173  
 Forzi, L., P. Hellwig, R.K. Thauer and R.G. Sawers, The CO and CN<sup>-</sup> ligands to the active site Fe in [NiFe]-hydrogenase of *Escherichia coli* have different metabolic origins, 3317  
 Foucault, I. see S. Le Bras, 967  
 Fox, K.R. see P.A. Rachwal, 1657  
 Fra, A. see A. Fanzani, 5099  
 Fraaije, M.W. see D.P.H.M. Heuts, 4905  
 Frachisse, J.-M. see A. de Angeli, 2367  
 Francia, F., L. Giachini, F. Boscherini, G. Venturoli, G. Capitanio, P.L. Martino and S. Papa, The inhibitory binding site(s) of Zn<sup>2+</sup> in cytochrome *c* oxidase, 611  
 Francia, F. see L. Giachini, 5645  
 Francin, M. see M. Kaminska, 3105  
 François, J. see M. Frison, 4010  
 Franconi, F. see E. Straface, 4342  
 Franke, R. see O. Rowland, 3538  
 Franz, A., K. Maass and M. Seedorf, A complex peptide-sorting signal, but no mRNA signal, is required for the Sec-independent transport of Ist2 from the yeast ER to the plasma membrane, 401  
 Franzoni, M. see A. Bordoni, 923  
 Freeman, M.R. see J. Kim, 3795  
 Freese, E. see F. Vauti, 5691  
 Fregien, N. see M.-C. Nlend, 3241  
 French, J.D. see J.M. Saunus, 3435  
 Frdin, M. see U. Basu, 4153  
 Friedberg, I., K. Nika, L. Tautz, K. Saito, F. Cerignoli, Friedberg, I., A. Godzik and T. Mustelin, Identification and characterization of DUSP27, a novel dual-specific protein phosphatase, 2527  
 Friedberg, I., K. Nika, L. Tautz, K. Saito, F. Cerignoli, Friedberg, I., A. Godzik and T. Mustelin, Identification and characterization of DUSP27, a novel dual-specific protein phosphatase, 2527  
 Friedman, R. see Y. Tsfadia, 1243  
 Friedman, R. and A. Cafilisch, The protonation state of the catalytic aspartates in plasmepsin II, 4120  
 Friedrich, A., J.D. Hoheisel, N. Marmé and J.-P. Knemeyer, DNA-probes for the highly sensitive identification of single nucleotide polymorphism using single-molecule spectroscopy, 1644  
 Friedrich, B. see O. Lenz, 3322  
 Friedrich, T. see C. Wehling, 1594  
 Frijters, R. see C. Vriens, 4616  
 Frison, M., J.L. Parrou, D. Guillaumot, D. Masquelier, J. François, F. Chaumont and H. Batoko, The *Arabidopsis thaliana* trehalase is a plasma membrane-bound enzyme with extracellular activity, 4010  
 Froment, C. see C. Esmenjaud-Mailhat, 3979  
 Fromm, H. see B. Kaplan, 2237  
 Fromm, H. see A. Finkler, 3893  
 Frommer, W.B. see H. Gu, 579  
 Frost, V. see G.M.O. Møller, 1329  
 Fruchart, J.-C. see B. Cariou, 5191  
 Fu, T.-D. see L. Wang, 3848  
 Fu, Y. see Q. Han, 3027  
 Fufina, T.Y., L.G. Vasilieva, R.A. Khatypov, A.Ya. Shkuropatov and V.A. Shuvalov, Substitution of isoleucine L177 by histidine in *Rhodobactersphaeroides* reaction center results in the covalent binding of P<sub>A</sub> bacteriochlorophyll to the L subunit, 5769  
 Fujii, H. see A. Hoshino, 975  
 Fujii, T. see T. Yamamoto, 5234  
 Fujikura, J. see T. Ishii, 349  
 Fujimoto, Y. see N. Hiraga, 1983  
 Fujioka, Y. see N. Yanaka, 712  
 Fujita, M. see T. Takenouchi, 3019  
 Fujita, S.C. see Y. Ikeda, 891  
 Fujita, Y. see M. Kai, 3345  
 Fujiwara, A. see T. Tanno, 1022  
 Fujiwara, K. see Y. Kume, 1631  
 Fujiyuki, T. see Y. Uno, 97  
 Fukada, Y. see M. Torii, 5327  
 Fuks, Z. see S. Lahiri, 5289  
 Fukuda, R. see R. Oshima, 4627  
 Fukui, K. see H. Takata, 3783  
 Fullwood, N.J. see A. Masad, 3489  
 Fulop Jr., T. see C.F. Fortin, 1173  
 Funakoshi, T., K. Maeshima, K. Yahata, S. Sugano, F. Imamoto and N. Imamoto, Two distinct human POM121 genes: Requirement for the formation of nuclear pore complexes, 4910  
 Funato, K. see H. Kitagaki, 2935

- Furness, S.G.B., M.J. Lees and M.L. Whitelaw, The dioxin (aryl hydrocarbon) receptor as a model for adaptive responses of bHLH/PAS transcription factors, 3616
- Furochi, H., S. Tamura, M. Mameoka, C. Yamada, T. Ogawa, K. Hirasaka, Y. Okumura, T. Imagawa, S. Oguri, K. Ishidoh, K. Kishi, S. Higashiyama and T. Nikawa, Osteoactivin fragments produced by ectodomain shedding induce MMP-3 expression via ERK pathway in mouse NIH-3T3 fibroblasts, 5743
- Furrer, E.M., M.F. Ronchetti, F. Verrey and K.M. Pos, Functional characterization of a NapA Na<sup>+</sup>/H<sup>+</sup> antiporter from *Thermus thermophilus*, 572
- Furukawa, K. see T. Hasegawa, 406
- Furuno, T. see K. Obata, 5917
- Fushinobu, S. see Y. Nijikken, 1514
- Fuss, E. see S. Hemmati, 603
- Futerman, A.H. see S. Lahiri, 5289

# G

- Gabai, V. see M.Y. Sherman, 5732
- Gabai, V. see M. Sherman, 3711
- Gabbiani, G. see M. Prunotto, 5847
- Gabler, M. see R. Gehwolf, 448
- Gachon, F. see T. Claudel, 3626
- Gaikwad, A.B. see K. Tikoo, 2027
- Gaikwad, A.B. see K. Tikoo, 1071
- Gait, M.J. see C. Di Primo, 771
- Galanti, N. see M. Galindo, 2022
- Galati, D. see J.-K. Fang, 1302
- Galbiati, F. see A. Fanzani, 5099
- Galiani, D. see K. Shkolnik, 4891
- Galindo, M., V. Sabaj, I. Espinoza, G.C. Toro, J. Búa, J. Grenet, R. López-Solis, A.M. Ruiz and N. Galanti, Chromosomal size conservation through the cell cycle supports karyotype stability in *Trypanosoma cruzi*, 2022
- Gallo, A. see M.G. Mirisola, 2009
- Gallois, J.-L. see V. Nicaise, 1041
- Galloni, M. see M. Prunotto, 5847
- Gallwitz, D. see Y. Li, 5698
- Galun, E. see N. Klopstock, 3986
- Gambale, F. see A. de Angeli, 2367
- Gambaretto, R. see A. Pasquato, 5807
- Gamberucci, A. see M. Csala, 1693
- Ganguly, B., J. Banerjee, A.I. Elegbede, D.J. Klocke, S. Mallik and D.K. Srivastava, Intrinsic selectivity in binding of matrix metalloproteinase-7 to differently charged lipid membranes, 5723
- Gao, C. see R. Wijesinha-Bettoni, 4557
- Gao, H., A. Bian, Y. Zheng, R. Li, Q. Ji, G. Huang, D. Hu, L. Zhang, W. Gong, Y. Hu and F. He, sBAFF mutants induce neutralizing antibodies against BAFF, 581
- Gao, J. see R. Li, 3311
- Gao, M. see D. Upadhyay, 248
- Gao, M. see J. Zhang, 5315
- Gao, Q.T., R.C.Y. Choi, A.W.H. Cheung, J.T.T. Zhu, J. Li, G.K.Y. Chu, R. Duan, J.K.H. Cheung, Z.Y. Jiang, X.B. Dong, K.J. Zhao, T.T.X. Dong and K.W.K. Tsim, Danggui Buxue Tang – A Chinese herbal decoction activates the phosphorylations of extracellular signal-regulated kinase and estrogen receptor  $\alpha$  in cultured MCF-7 cells, 233
- Gao, Q.T., J.K.H. Cheung, J. Li, Z.Y. Jiang, G.K.Y. Chu, R. Duan, A.W.H. Cheung, K.J. Zhao, R.C.Y. Choi, T.T.X. Dong and K.W.K. Tsim, A Chinese herbal decoction, Danggui Buxue Tang, activates extracellular signal-regulated kinase in cultured T-lymphocytes, 5087
- Gao, X., H. Hu, J. Zhu and Z. Xu, Identification and characterization of follistatin as a novel angiogenic-binding protein, 5505
- Gara, L.D. see R.A. Vacca, 917
- García-Díaz, B.E. see R.A. Hanna, 2894
- García-Mauriño, S. see J.A. Monreal, 3468
- García, S.N., B.M. Kirtane, A.J. Podlitsky, O.M. Pereira-Smith and K. Tominaga, *Mrg15* null and heterozygous mouse embryonic fibroblasts exhibit DNA-repair defects post exposure to gamma ionizing radiation, 5275
- Gargano, B. see S. Amente, 821
- Garnotel, R. see S. Jaisson, 1509
- Garofalo, T., A. Tinari, P. Matarrese, A.M. Giammarioli, V. Manganello, L. Ciarlo, R. Misasi, M. Sorice and W. Malorni, Do mitochondria act as “cargo boats” in the journey of GD3 to the nucleus during apoptosis?, 3899
- Garratt, R.C. see H.M. Pereira, 5082
- Garrido, J.J., D. Simón, O. Varea and F. Wandosell, GSK3  $\alpha$  and GSK3  $\beta$  are necessary for axon formation, 1579
- Garzón, M., K. Eifler, A. Faust, H. Scheel, K. Hofmann, C. Koncz, A. Yephremov and A. Bachmair, *PRT6/At5g02310* encodes an *Arabidopsis* ubiquitin ligase of the N-end rule pathway with arginine specificity and not the *CER3* locus, 3189
- Gasc, J.-M. see G. Sihm, 962
- Gáspári, Z., C. Ortutay and G. Tóth, Divergent microsatellite evolution in the human and chimpanzee lineages, 2523
- Gastineau, M. see N. Zaldua, 5814
- Gaudin, Y. see W. Weissenhorn, 2150
- Gaur, J. see E. Bárány-Wallje, 2389
- Gautam, P. see J.J. James, 4377
- Gaxiola, R.A., M.G. Palmgren and K. Schumacher, Plant proton pumps, 2204
- Ge, L. see D. Liu, 3563
- Geach, T.J. see C. Devader, 5332
- Geetha, T. see M.L. Seibenhener, 175
- Gehmert, S. see X. Bai, 4681
- Gehwolf, R., R. Weiss, M. Gabler, A.C. Hurst, A. Bertl, J. Thalhammer and G. Obermeyer, From sequence to antibody: Genetic immunisation is suitable to generate antibodies against a rare plant membrane protein, the KAT 1 channel, 448
- Geisler, S.B. see A.L. Bowman, 1549
- Gelhaus, C. see C. Wehling, 1594
- Géloën, A. see B. Zarrouki, 2394
- George Cherian, M. see Z.-M. Liu, 2465
- Georgopoulou, U. see P. Tsitoura, 4049
- Gerdes, H.-H., N.V. Bukoreshtliev and J.F.V. Barroso, Tunneling nanotubes: A new route for the exchange of components between animal cells, 2194
- Gerdes, H.-H., N.V. Bukoreshtliev and J.F.V. Barroso, Corrigendum to “Tunneling nanotubes: A new route for the exchange of components between animal cells” [Febs Lett. 581 (2007) 2194–2201], 3332
- Germain, H., J. Houde, M. Gray-Mitsumune, T. Sawasaki, Y. Endo, J. Rivoal and D.P. Matton, Characterization of ScORK28, a transmembrane functional protein receptor kinase predominantly expressed in ovaries from the wild potato species *Solanum chacoense*, 5137
- German-Retana, S. see V. Nicaise, 1041
- German, M.J. see A. Masad, 3489
- Gershenzon, J. see J.C. D’Auria, 872
- Gerwert, K. see H. te Heesen, 5677
- Geum, D. see N.G. Lee, 2625
- Ghabboun, J. see N. Borovok, 5843
- Ghadiri, A., M. Duhamel, A. Fleischer, A. Reimann, F. Dessauge and A. Rebollo, Critical function of Ikaros in controlling Aiolos gene expression, 1605
- Ghafourifar, P. see T. Zemojtel, 2072
- Ghazi, I. see N. López-Cortés, 4657
- Ghiassi, M. see S.H. Sadat Hayatshahi, 506
- Ghio, A.J. see J. Zhang, 4148
- Ghio, A.J. see J. Zhang, 5315
- Ghosh Choudhury, G. see F. Das, 5259
- Ghosh-Choudhury, N. see F. Das, 5259
- Ghosh, A.K. see R. Shrivastava, 1903
- Ghosh, B. see A. Goel, 2447
- Ghosh, S., M.B. Joshi, D. Ivanov, C. Feder-Mengus, G.C. Spagnoli, I. Martin, P. Erne and T.J. Resink, Use of multicellular tumor spheroids to dissect endothelial cell–tumor cell interactions: A role for T-cadherin in tumor angiogenesis, 4523
- Ghosh, T.C. see G. D’Onofrio, 5819
- Ghosh, T.C. see S. Basak, 5825
- Giachini, L. see F. Francia, 611
- Giachini, L., F. Francia, F. Boscherini, C. Pacelli, T. Cocco, S. Papa and G. Venturoli, EXAFS reveals a structural zinc binding site in the bovine NADH-Q oxidoreductase, 5645
- Giammarioli, A.M. see T. Garofalo, 3899
- Gianni, S. see C.N. Chi, 1109
- Gibbs, L. see C. Benoist-Lasselin, 2593
- Gibellini, L. see M. Pinti, 3882
- Gibert, B. see A.-P. Arrigo, 3665

- Gibert, M., J.C. Marvaud, Y. Pereira, M.L. Hale, B.G. Stiles, P. Boquet, C. Lamaze and M.R. Popoff, Differential requirement for the translocation of clostridial binary toxins: Iota toxin requires a membrane potential gradient, 1287
- Gierth, M. and P. Mäser, Potassium transporters in plants – Involvement in  $K^+$  acquisition, redistribution and homeostasis, 2348
- Giganti, A. see G. Ferry, 3572
- Giguère, P., M.-E. Turcotte, E. Hamelin, A. Parent, J. Brisson, G. Laroche, P. Labrecque, G. Dupuis and J.-L. Parent, Peroxiredoxin-4 interacts with and regulates the thromboxane  $A_2$  receptor, 3863
- Gil, C., R. Cubi and J. Aguilera, Shedding of the  $p75^{NTR}$  neurotrophin receptor is modulated by lipid rafts, 1851
- Giles, R.H. see M.P. Lolkema, 4571
- Gilfillan, S. see V. Rolli, 394
- Gillery, P. see S. Jaisson, 1509
- Gillet, D. see A. Perier, 5480
- Gilon, P. see N. Quoix, 4235
- Giovanetti, A. see C. Limatola, 2641
- Giovannini, C. see S. Grande, 637
- Giovenzana, C. see E. Roat, 521
- Giuliani, A. see M.C. Palumbo, 2485
- Giuliani, R. see A. Fanzani, 5099
- Glenn, G. and P. van der Geer, CSF-1 and TPA stimulate independent pathways leading to lysosomal degradation or regulated intramembrane proteolysis of the CSF-1 receptor, 5377
- Glukhova, M.A. see M.M. Faraldo, 831
- Gnessi, L. see S. Basciani, 5897
- Goccek, E., M. Kielbiński and E. Marcinkowska, Activation of intracellular signaling pathways is necessary for an increase in VDR expression and its nuclear translocation, 1751
- Godzik, A. see I. Friedberg, 2527
- Goedert, M. see K. Virdee, 2657
- Goedert, M. see A. Ishii, 4711
- Goel, A., A.K. Prasad, V.S. Parmar, B. Ghosh and N. Saini, 7,8-Dihydroxy-4-methylcoumarin induces apoptosis of human lung adenocarcinoma cells by ROS-independent mitochondrial pathway through partial inhibition of ERK/MAPK signaling, 2447
- Goeldner, M. see K.R. Tan, 4718
- Goethals, M. see S. Dhaese, 4809
- Goglia, F. see A. Lombardi, 5911
- Gogvadze, E. see A. Buzdin, 2877
- Gohil, K. see V.T. Vasu, 1572
- Goldberg M.J. see H.K. Roy, 3857
- Goldenberg, D. see N. Klopstock, 3986
- Goldschmidt, E.E. see N. Schenk, 5517
- Goldspink, G. see K. Ates, 2727
- Golombek, D.A. see S.A. Plano, 5500
- Golsteyn, R.M. see C. Esmenjaud-Mailhat, 3979
- Golub, N., A. Meremyanin, K. Markossian, T. Eronina, N. Chebotarova, R. Asryan, V. Mironets and B. Kurganov, Evidence for the formation of start aggregates as an initial stage of protein aggregation, 4223
- Golyshin, P.N. see N. López-Cortés, 4657
- Golyshina, O.V. see N. López-Cortés, 4657
- Gomez Maqueo Chew, A. see G.T. Oostergetel, 5435
- Gómez-Rodríguez, M.V. see R. Valderrama, 453
- Gonchar, I. see E. Burova, 1475
- Gong, W. see H. Gao, 581
- Gong, Y. see X. Yan, 1587
- Gonnelli, L. see Y. Arendt, 4723
- Gonthier, A. see K.R. Tan, 4718
- Gonzales, E., S. Prigent, A. Abou-Lovergne, S. Boucherie, T. Tordjmann, E. Jacquemin and L. Combettes, Rat hepatocytes express functional P2X receptors, 3260
- Gonzalez-Serratos, H. see A.L. Bowman, 1549
- Gonzalez, T. see M. Aouadi, 5591
- Goodman, M.F. see V. Martinek, 775
- Gooley, P.R. see A. Koay, 5055
- Gorenstein, D.G. see J. Kang, 2497
- Görg, B., N. Quartskhava, P. Voss, T. Grune, D. Häussinger and F. Schliess, Reversible inhibition of mammalian glutamine synthetase by tyrosine nitration, 84
- Gorjánac, M., A. Jaedike and I.W. Mattaj, What can *Caenorhabditis elegans* tell us about the nuclear envelope?, 2794
- Gostimskaya, I.S., V.G. Grivennikova, G. Cecchini and A.D. Vinogradov, Reversible dissociation of flavin mononucleotide from the mammalian membrane-bound NADH:ubiquinone oxidoreductase (complex I), 5803
- Goto, H. see M. Watanabe, 2017
- Goto, M. see R. Banno, 1131
- Goto, M. see I. Sato, 4857
- Gould, A.P. see T.J. Sheldon, 5268
- Gourier, C. see A. Perier, 5480
- Gouzi, J.Y. see J. Degoutin, 727
- Graham, A. see C. Rae, 4877
- Graham, A.M. see N.G. Oberprieler, 2574
- Graham, A.M. see N.G. Oberprieler, 1529
- Grande, S., A.M. Luciani, A. Rosi, A. Palma, C. Giovannini, O. Saporà, L. Guidoni and V. Viti, Metabolism of glutathione in tumour cells as evidenced by  $^1H$  MRS, 637
- Granelli-Piperno, A. see T.L. Chang, 4596
- Grant, S. see G.P. Colo, 5075
- Granville, D.J. see A.L. Hunter, 879
- Gräslund, A. see N. Voevodskaya, 3351
- Gräslund, A. see E. Bárány-Wallje, 2389
- Grasser, K.D. see D. Launholt, 1114
- Grasso, P. see A. Lombardi, 5911
- Graves, M.L., L. Zhou, G. MacDonald, C.R. Mueller and C.D. Roskelley, Regulation of the BRCA1 promoter in ovarian surface epithelial cells and ovarian carcinoma cells, 1825
- Gray Jr., P.J. see S.K. Calderwood, 3689
- Gray-Mitsumune, M. see H. Germain, 5137
- Greco, C. see H.J. Huttunen, 1688
- Green, C. see N. Dimopoulos, 4743
- Green, P. see D. Sweetman, 4165
- Grempler, R., S. Leicht, I. Kischel, P. Eickelmann and N. Redemann, Inhibition of SH2-domain containing inositol phosphatase 2 (SHIP2) in insulin producing INS1E cells improves insulin signal transduction and induces proliferation, 5885
- Grenet, J. see M. Galindo, 2022
- Griesemer, D. see P. Mueller, 3557
- Grigoriev, P.A. see H. Maischak, 898
- Grill, E. see J. Wünschmann, 1681
- Grivennikova, V.G. see I.S. Gostimskaya, 5803
- Groen, A.K. see C. Vrans, 4616
- Grogg, M.W. see E. Makarev, 1865
- Grönberg, M. see J. Saras, 1957
- Gronert, S. see A.M. Swistowska, 4036
- Grönlund, J.T. see D. Launholt, 1114
- Gros, P. see I. Carrier, 301
- Grosse, F. see P. Taneja, 3973
- Grossman, A.R. see H. Gu, 579
- Grote, E. see E.H. Chen, 2181
- Groth-Malonek, M. see V. Salone, 4132
- Grötzinger, J. see C. Wehling, 1594
- Gruber, B.D. see E. Delhaize, 2255
- Gruening, D. and G.E. Schulz, Substrate spectrum of l-rhamnulose kinase related to models derived from two ternary complex structures, 3127
- Gruic-Sovulj, I., J. Rokov-Plavec and I. Weygand-Durasevic, Hydrolysis of non-cognate aminoacyl-adenylates by a class II aminoacyl-tRNA synthetase lacking an editing domain, 5110
- Grumbt, B. see N. Terziyska, 1098
- Grune, T. see B. Görg, 84
- Grusby, M.J. see A. Becskei, 5199
- Gzram, A., M.N. Martin, R. Hell and A.J. Meyer,  $\gamma$ -Glutamyl transpeptidase GGT4 initiates vacuolar degradation of glutathione S-conjugates in *Arabidopsis*, 3131
- Grześkiewicz, S. see K.A. Nałęcz, 3950
- Grzonka, Z. see P. Stańczak, 4544
- Gu, D., B. Yu, C. Zhao, W. Ye, Q. Lv, Z. Hua, J. Ma and Y. Zhang, The effect of pleiotrophin signaling on adipogenesis, 382
- Gu, H., S. Lalonde, S. Okumoto, L.L. Looger, A.M. Scharff-Poulsen, A.R. Grossman, J. Kossmann, I. Jakobsen and W.B. Frommer, Corrigendum to "A novel analytical method for in vivo phosphate tracking" [FEBS Lett. 580 (2006) 5885–5893], 579
- Gu, J. see J. He, 2965
- Gu, J.X. see Y. Lin, 5151
- Gu, L.-Q. see J.W. Shim, 1027
- Gu, Z., S. Eleswarapu and H. Jiang, Identification and characterization of microRNAs from the bovine adipose tissue and mammary gland, 981
- Gualandi, L. see A. Fanzani, 5099
- Guan, M.-X. see X. Wang, 4228
- Guérardel, Y. see E. Ellass, 1383
- Guérin, C. see K.-C. Huang, 2702
- Guerinot, M.L. see S.A. Kim, 2273
- Gui, Y. see S. Wang, 4789
- Guichardant, M. see B. Zarrouki, 2394
- Guidoni, L. see S. Grande, 637

- Guigas, G., C. Kalla and M. Weiss, The degree of macromolecular crowding in the cytoplasm and nucleoplasm of mammalian cells is conserved, 5094
- Guigliarelli, B. see M.G. Almeida, 284
- Guigné, C. see V. Rolli, 394
- Guillaumot, D. see M. Frison, 4010
- Guillet, D. see A.-P. Arrigo, 3665
- Guiot, Y. see N. Quoix, 4235
- Gulli, M., M. Corradi, P. Rampino, N. Marmioli and C. Perrotta, Four members of the *HSP101* gene family are differently regulated in *Triticum durum* Desf., 4841
- Guminski, A. see A.L. Dahler, 3839
- Gundllapalli, S. see S. Herring, 3197
- Gundllapalli, S. see O. Namy, 5282
- Güntert, P. see S. Ohnishi, 462
- Guo, J. see S. Tan, 1081
- Guo, K. see F.L. Xie, 1464
- Guo, P. see C. Chen, 1124
- Guo, X., J. Bao and L. Fan, Evidence of selectively driven codon usage in rice: Implications for GC content evolution of *Gramineae* genes, 1015
- Guo, X. see S. Wang, 4789
- Guo, Z. see D. Liu, 3563
- Guo, Z. see Y. Liu, 4318
- Guo, Z.-j. see H.-q. Chen, 5836
- Gupta, R.S. see J. Park, 3211
- Guranowski, A., O. Miersch, P.E. Staswick, W. Suza and C. Waster-nack, Substrate specificity and products of side-reactions catalyzed by jasmonate:amino acid synthetase (JAR1), 815
- Gurnev, P.A. see O.S. Ostroumova, 804
- Gust, B. see Y. Haagen, 2889
- Gutiérrez-Escolano, L. see E. Solano-González, 2919
- Gutiérrez-Uzquiza, A. see S. Zuluaga, 3819
- Gutierrez, C. see Y. Romeo, 3387
- Gutman, M. see Y. Tsfadia, 1243
- Gwak, G.-Y. see S.J. Myung, 2954
- Gylfe, A. see L. Bailey, 587
- Gyrd-Hansen, M. see U. Basu, 4153

# H

- Ha, J.-M., M.-R. Kim, H.-K. Oh, B.H. Lee, H.-Y. Ahn, J.-C. Shin, S.H. Baek and Y.A. Joe, Outgrowing endothelial progenitor-derived cells display high sensitivity to angiogenesis modulators and delayed senescence, 2663
- Ha, J.S. see D.H. Choi, 1649
- Haagen, Y., I. Unsld, L. Westrich, B. Gust, S.B. Richard, J.P. Noel and L. Heide, A soluble, magnesium-independent prenyltransferase catalyzes reverse and regular C-prenylations and O-prenylations of aromatic substrates, 2889
- Haferkamp, I., The diverse members of the mitochondrial carrier family in plants, 2375
- Hagemann, M. see D. Hasse, 1297
- Hagiya, A. see N. Ishii, 413
- Hahn, A. see M.L. Valentino, 3410
- Hahn, M.A. and D.J. Marsh, Nucleolar localization of parafibromin is mediated by three nucleolar localization signals, 5070
- Haimovitz-Friedman, A. see S. Lahiri, 5289
- Hajdu, J. see J.F. Cramer, 3178
- Hajjar, E., B. Korkmaz and N. Reuter, Differences in the substrate binding sites of murine and human proteinase 3 and neutrophil elastase, 5685
- Hale, C. see K.W. Kim, 995
- Hale, M.L. see M. Gibert, 1287
- Hallyburton, I. see I.R. Kelsall, 4749
- Hamaker, B.R. see Z. Ao, 2381
- Hamamura, K. and H. Yokota, Stress to endoplasmic reticulum of mouse osteoblasts induces apoptosis and transcriptional activation for bone remodeling, 1769
- Hamann, J. see O. Lenz, 3322
- Hamelin, E. see P. Giguère, 3863
- Hamilton, A.J. see A.C. Badrick, 4663
- Hamargren, J., T. Salinas, L. Maréchal-Drouard and C. Knorpp, The pea mitochondrial nucleoside diphosphate kinase cleaves DNA and RNA, 3507

- Hammer, E., R. Heilbronn and S. Weger, The E3 ligase Topors induces the accumulation of polysumoylated forms of DNA topoisomerase I in vitro and in vivo, 5418
- Hampson, L.J. and L. Agius, Acetylcholine exerts additive and permissive but not synergistic effects with insulin on glycogen synthesis in hepatocytes, 3955
- Han, D. see Q.-G. Zhang, 495
- Han, E.H., Y.P. Hwang, T.C. Jeong, S.S. Lee, J.-G. Shin and H.G. Jeong, Eugenol inhibit 7,12-dimethylbenz[a]anthracene-induced genotoxicity in MCF-7 cells: Bifunctional effects on CYP1 and NAD(P)H:quinone oxidoreductase, 749
- Han, H.J. see S.M. Lee, 3943
- Han, I.-S. see J.-H. Kang, 4389
- Han, J. see I.D. Jung, 1449
- Han, J. see H. Zou, 196
- Han, J. see H.-L. Kim, 5430
- Han, K. and C. Nepal, PRI-Modeler: Extracting RNA structural elements from PDB files of protein-RNA complexes, 1881
- Han, Q., Y. Fu, H. Zhou, Y. He and Y. Luo, Contributions of Zn(II)-binding to the structural stability of endostatin, 3027
- Han, S. see H.-S. Choi, 2684
- Han, S.Y. see N.G. Lee, 2625
- Hanai, Y. see H. Tokuda, 1311
- Hancock, J.F. see M.F. Hanzal-Bayer, 2098
- Handa, H. see M. Yugami, 1
- Hanikenne, M. see U. Krämer, 2263
- Hanna, J. and D. Finley, A proteasome for all occasions, 2854
- Hanna, R.A., B.E. Garcia-Diaz and P.L. Davies, Calpastatin simultaneously binds four calpains with different kinetic constants, 2894
- Hannbeck, S. see M.F. Langhorst, 4697
- Hannun, Y.A. see M. Tani, 1323
- Hansell, E.J. see S. Kanaji, 4260
- Hanzal-Bayer, M.F. and J.F. Hancock, Lipid rafts and membrane traffic, 2098
- Hara-Nishimura, I. see Y. Morita, 3579
- Hara-Nishimura, I. see Y. Morita, 1417
- Harada, A. see H. Tokuda, 1311
- Harada, E., K. Sugase, K. Namba, T. Iwashita and Y. Murata, Structural element responsible for the Fe(III)-phytosiderophore specific transport by HvYS1 transporter in barley, 4298
- Harada, J.N. see F. Yu, 3485
- Harada, T. see S. Ohnishi, 462
- Haraguchi, M. see M. Deushi, 5664
- Haraguchi, T., T. Mizutani, N. Yamamichi, T. Ito, S. Minoguchi and H. Iba, SiRNAs do not induce RNA-dependent transcriptional silencing of retrovirus in human cells, 4949
- Hardin, J.D. see E.L. Batchelder, 4337
- Harmon, J.S. see R.P. Robertson, 3743
- Harper, J.F. see S.M. Lee, 3943
- Harris, J.M. see W.M. Huston, 3382
- Harris, R.S. see K.-M. Chen, 4761
- Harris, S.P. see J.F. Shaffer, 1501
- Harrison, S.M., B.K. Dove, L. Rothwell, P. Kaiser, I. Tarpey, G. Brooks and J.A. Hiscox, Characterisation of cyclin D1 down-regulation in coronavirus infected cells, 1275
- Hart, J. see H.K. Roy, 3857
- Hartmann, H. see P. Taneja, 3973
- Hartzell, C. see Z. Qu, 580
- Haruki, H. see M.A. Samad, 3283
- Harvey, D.J. see M. Crispin, 1963
- Hasegawa, M. see A. Ishii, 4711
- Hasegawa, T., N. Sugeno, A. Takeda, M. Matsuzaki-Kobayashi, A. Kikuchi, K. Furukawa, T. Miyagi and Y. Itoyama, Role of Neu4L sialidase and its substrate ganglioside GD3 in neuronal apoptosis induced by catechol metabolites, 406
- Hasegawa, Y. see M.K. Kaneko, 331
- Hashimoto, M. see T. Takenouchi, 3019
- Hasilik, A. see B. Schröder, 102
- Hasse, D., S. Mikkat, H.-A. Thrun, M. Hagemann and H. Bauwe, Properties of recombinant glycine decarboxylase P- and H-protein subunits from the cyanobacterium *Synechocystis* sp. strain PCC 6803, 1297
- Hattori, T. see T. Watanabe, 1788
- Hauburger, A., M. Kliemann, P. Madsen, R. Rudolph and E. Schwarz, Oxidative folding of nerve growth factor can be mediated by the pro-peptide of neurotrophin-3, 4159
- Haucke, V. see M. Krauß, 2105
- Hausser, A. see T. Eiseler, 4279
- Häussinger, D. see B. Görg, 84
- Hayakawa, K. see Y. Takano, 421

- Hayakawa, K. see N. Hiramatsu, 2055  
 Hayashi, J.-I. see S.-I. Inoue, 1910  
 Hayashi, K.-i., H. Kawaide, M. Notomi, Y. Sakigi, A. Matsuo and H. Nozaki, Corrigendum to "Identification and functional analysis of bifunctional *ent*-kaurene synthase from the moss *Physcomitrella patens*" [FEBS Lett. 580 (2006) 6175–6181], 2748  
 Hayashi, M. see R. Banno, 1131  
 Hayashi, M. see M. Inomata, 3039  
 Hayashi, M. see I. Sato, 4857  
 Hayashi, N. see T. Yoshio, 3777  
 Hayes, A.J. see M.A. Aon, 8  
 Hayes, L. see A. Masad, 3489  
 Hbib, A.T. see C. Laguillier, 1143  
 He, F. see H. Gao, 581  
 He, J., S. Chen and J. Gu, Identification and characterization of Harobin, a novel fibrinogenolytic serine protease from a sea snake (*Lapemis hardwickii*), 2965  
 He, S. see F.A. Shaikh, 2441  
 He, Y. see Q. Han, 3027  
 Hecht, H.-J. see A.M. Swistowska, 4036  
 Heginbotham, L. see W.R. Silverman, 5024  
 Hehnl, H. and M. Starnes, Regulating cytoskeleton-based vesicle motility, 2112  
 Heide, L. see Y. Haagen, 2889  
 Heijne, G. von see C. Lundin, 5601  
 Heilbronn, R. see E. Hammer, 5418  
 Heinisch, J.J. see A. Straede, 4495  
 Heino, J. see M. Tulla, 2434  
 Hell, K. see N. Terziyska, 1098  
 Hell, R. see A. Grzam, 3131  
 Helliwell, C. see S. Wang, 4789  
 Helliwell, C.A. see L. Wang, 3848  
 Hellwig, P. see L. Forzi, 3317  
 Hemmati, S., T.J. Schmidt and E. Fuss, (+)-Pinoresinol/(–)-lariciresinol reductase from *Linum perenne* Himmelszelt involved in the biosynthesis of justicidin B, 603  
 Hemmerlin, A. see R. Merret, 5295  
 Hennig, M. see A.C. Rufer, 3247  
 Henquin, J.-C. see N. Quoix, 4235  
 Henriques-Normark, B. see L. Bailey, 587  
 Hernández-Hernández, O. see A. Andrade, 4430  
 Hernández, J.A., S. Pellicer, L. Huang, M.L. Peleato and M.F. Fillat, FurA modulates gene expression of *alr3808*, a DpsA homologue in *Nostoc (Anabaena)* sp. PCC7120, 1351  
 Hernandez, H. see D. Adediji, 279  
 Hérodin, F. see N. Platet, 1435  
 Hérodin, F. see D. Adamski, 3076  
 Herrera, P.L. see N. Quoix, 4235  
 Herring, S., A. Ambrogelly, S. Gundllapalli, P. O'Donoghue, C.R. Polycarpo and D. Söll, The amino-terminal domain of pyrrolysyl-tRNA synthetase is dispensable in vitro but required for in vivo activity, 3197  
 Herrmann, J.M. see N. Terziyska, 1098  
 Heuckeroth, R.O. see H. Wang, 3098  
 Heuertz, S. see C. Benoist-Lasselin, 2593  
 Heuts, D.P.H.M., D.B. Janssen and M.W. Fraaije, Changing the substrate specificity of a chitoooligosaccharide oxidase from *Fusarium graminearum* by model-inspired site-directed mutagenesis, 4905  
 Heuvelmans, S. see M. Hristova, 361  
 Heyn, M.P. see S. Seibeck, 5425  
 Hidaka, M. see S. Takashima, 5891  
 Hideg, É. see B.B. Fischer, 5555  
 Hiester, B.G. see W.J. Kapulkin, 5952  
 Higashi, C. see S. Sugimoto, 2993  
 Higashikawa, F., A. Eboshida and Y. Yokosaki, Enhanced biological activity of polymeric osteopontin, 2697  
 Higashitani, A. see Y. Sasagawa, 145  
 Higashiyama, S. see H. Furochi, 5743  
 Higuchi, M. see T. Yotsui, 427  
 Higuti, T. see N. Arakaki, 3405  
 Hiipakka, M. and K. Saksela, Versatile retargeting of SH3 domain binding by modification of non-conserved loop residues, 1735  
 Hikosaka, A., K. Takaya, M. Jinno and A. Kawahara, Identification and expression-profiling of *Xenopus tropicalis* miRNAs including plant miRNA-like RNAs at metamorphosis, 3013  
 Hildebrandt, P. see O. Lenz, 3322  
 Himmeler, A. see O. Rath, 2549  
 Hinderlich, S. see S.O. Reinke, 3327  
 Hinsley, T. see P.D. Thompson, 1233  
 Hinz, A. see W. Weissenhorn, 2150  
 Hirabayashi, J. see M.K. Kaneko, 331  
 Hiraga, N., M. Imamura, M. Tsuge, C. Noguchi, S. Takahashi, E. Iwao, Y. Fujimoto, H. Abe, T. Maekawa, H. Ochi, C. Tateno, K. Yoshizato, A. Sakai, Y. Sakai, M. Honda, S. Kaneko, T. Wakita and K. Chayama, Infection of human hepatocyte chimeric mouse with genetically engineered hepatitis C virus and its susceptibility to interferon, 1983  
 Hirai, Y. see Y. Saga, 1847  
 Hiramatsu, N., A. Kasai, S. Du, M. Takeda, K. Hayakawa, M. Okamura, J. Yao and M. Kitamura, Rapid, transient induction of ER stress in the liver and kidney after acute exposure to heavy metal: Evidence from transgenic sensor mice, 2055  
 Hiramatsu, N. see Y. Takano, 421  
 Hirano, K.-i. see H. Oku, 5029  
 Hirano, M. see M.L. Valentino, 3410  
 Hirasaka, K. see H. Furochi, 5743  
 Hirasawa, N. see F. Kamachi, 4633  
 Hirsch-Ernst, K.I. see N. Wieneke, 5617  
 Hirsch, S.S. see A.L. Bowman, 1549  
 Hisanaga, S.-i. see A. Ishii, 4711  
 Hiscox, J.A. see S.M. Harrison, 1275  
 Hishida, T., K. Naito, S. Osada, M. Nishizuka and M. Imagawa, *peg10*, an imprinted gene, plays a crucial role in adipocyte differentiation, 4272  
 Hitachi, K. see T. Chan, 2691  
 Hite, B. see S. Salim, 3204  
 Hitomi, T., Y. Matsuzaki, S. Yasuda, M. Kawanaka, S. Yogosawa, M. Koyama, D. Tantin and T. Sakai, Oct-1 is involved in the transcriptional repression of the p15<sup>INK4b</sup> gene, 1087  
 Hiura, H., J. Komiyama, M. Shirai, Y. Obata, H. Ogawa and T. Kono, DNA methylation imprints on the IG-DMR of the *Dkl1-Gtl2* domain in mouse male germline, 1255  
 Hjorleifsdottir, S. see M.M. Pereira, 4831  
 Ho, C.-H. see Y.-F. Tsay, 2290  
 Ho, C.S.W. see G.C. Leung, 77  
 Ho, P. see L. Huang, 4955  
 Ho, T., H. Wang, D. Pallett and T. Dalmay, Evidence for targeting common siRNA hotspots and GC preference by plant Dicer-like proteins, 3267  
 Hobson, B. see V.T. Vasu, 1572  
 Hoch, J.A. see P.D. McLaughlin, 1425  
 Hochrainer, K., G. Racchumi and J. Anrather, Hypo-phosphorylation leads to nuclear retention of NF- $\kappa$ B p65 due to impaired I $\kappa$ B $\alpha$  gene synthesis, 5493  
 Hodošček, M. see M. Butala, 4816  
 Hoeh, W.R. see R. Chakrabarti, 5213  
 Hoeller, D. see J. Raguz, 4767  
 Hoer, S., L. Smith and P.J. Lehner, MARCH-IX mediates ubiquitination and downregulation of ICAM-1, 45  
 Hofer, B. see A.M. Swistowska, 4036  
 Hoffmann, B. see V. Salone, 4132  
 Hoffmann, C. see S. Chlench, 673  
 Hofmann, K. see M. Garzón, 3189  
 Hohberg, M. see S. Chlench, 673  
 Hoheisel, J.D. see A. Friedrich, 1644  
 Hohman, V.S. see C.M. Sandoval, 5464  
 Hohmann-Marriott, M.F. and R.E. Blankenship, Hypothesis on chlorosome biogenesis in green photosynthetic bacteria, 800  
 Holdermann, I. see K.F. Stengel, 5671  
 Holen, T. see J.G. Sørbo, 4884  
 Holland, P.C. see K.-C. Huang, 2702  
 Holmberg, M. see P. Ramu, 1716  
 Holmgren, J. see C.-F. Flach, 3183  
 Holmgren, L. see A. Bergsmedh, 2943  
 Holton, M., D. Yang, W. Wang, T.M.A. Mohamed, L. Neyes and A.L. Armesilla, The interaction between endogenous calcineurin and the plasma membranecalcium-dependent ATPase is isoform specific in breast cancer cells, 4115  
 Holubar, P. see J. Vlasits, 320  
 Holzmann, K. see K.W. Sommer, 4921  
 Holzwarth, A.R. see G.T. Oostergetel, 5435  
 Homer-Vanniasinkam, S. see N.G. Oberprieler, 1529  
 Homer-Vanniasinkam, S. see N.G. Oberprieler, 2574  
 Honda, M. see N. Hiraga, 1983  
 Hondares, E. see C. Duval, 955  
 Hong, C.-U. see S.-H. Jeon, 5929  
 Hong, J. see F. Kamachi, 4633  
 Hong, K.W. see S.J. Lee, 4189  
 Hong, M.-J. see S.-R. Won, 4999  
 Hong, S. see S.-y. Kim, 865



- Hong, S.-H., J.-S. Jeong, Y.-J. Lee, H.-I. Jung, K.T. Kim, Y.-H. Kim, Y.-S. Lee, S.-W. Lee, C.-D. Bae, J. Park and I.-H. Kim, Molecular imaging of endogenous mRNA expression in a mouse tumor model by adenovirus harboring *trans*-splicing ribozyme, 5396
- Hong, S.-S. see H.-O. Jun, 4977
- Hong, Y.K. see N.G. Lee, 2625
- Honma, R. see E. Ito, 3909
- Hooper, A.B. see B.O. Elmore, 911
- Hoppel, C.L. see J. Kerner, 4491
- Hoptak-Solga, A.D., K.A. Klein, A.M. DeRosa, T.W. White and M.K. Iovine, Zebrafish *short fin* mutations in connexin43 lead to aberrant gap junctional intercellular communication, 3297
- Hori, H. see K. Matsumoto, 1599
- Hori, M. see H. Oku, 5029
- Horinouchi, T. see T. Nishiyama, 3223
- Hornberger, T.A., K.B. Sukhija, X.-R. Wang and S. Chien, mTOR is the rapamycin-sensitive kinase that confers mechanically-induced phosphorylation of the hydrophobic motifs site Thr(389) in p70<sup>S6k</sup>, 4562
- Horstkorte, R. see K. Bork, 4195
- Hörtensteiner, S. see N. Schenk, 5517
- Horvath, O. see P. Flachs, 1093
- Hoshi, T. see D. Ma, 1000
- Hoshino, A. and H. Fujii, Redundant promoter elements mediate IL-3-induced expression of a novel cytokine-inducible gene, *cyclon*, 975
- Hoshino, M. see N. Zaldúa, 5814
- Hoshino, T. see M. Rahman, 4001
- Hoshino, Y. see M. Watanabe, 2017
- Hoshiyama, D., N. Iwabe and T. Miyata, Evolution of the gene families forming the *Pax/Six* regulatory network: Isolation of genes from primitive animals and molecular phylogenetic analyses, 1639
- Hosoda, K. see T. Ishii, 349
- Hosoi, T. see H. Tokuda, 1311
- Hosoya, A. see T. Chan, 2691
- Hosseinpour, F., Y. Timsit, C. Koike, K. Matsui, Y. Yamamoto, R. Moore and M. Negishi, Overexpression of the Rho-guanine nucleotide exchange factor ECT2 inhibits nuclear translocation of nuclear receptor CAR in the mouse liver, 4937
- Hoth, M. see P. Mueller, 3557
- Hou, T.Z. see S. Lax, 3550
- Houde, J. see H. Germain, 5137
- Hourvitz, A. see K. Shkolnik, 4891
- Houry, W.A. see A.Y.H. Yu, 3749
- Hozumi, H. see I. Miyazaki, 5003
- Hreggvidsson, G.O. see M.M. Pereira, 4831
- Hristova, M., S. Heuvelmans and A. van der Vliet, GSH-dependent regulation of Fas-mediated caspase-8 activation by acrolein, 361
- Hsu, C.-H. see T.-C. Huang, 3517
- Hsu, M.-F. see C.-C. Lee, 5454
- Hsu, P.-K. see Y.-F. Tsay, 2290
- Hu, D. see H. Gao, 581
- Hu, G. see X. Zhou, 4943
- Hu, H. see X. Gao, 5505
- Hu, W. see X. Dong, 5796
- Hu, Y. see H. Gao, 581
- Hua, Z. see D. Gu, 382
- Hua, Z.-C. see X. Dong, 5796
- Huang, A.J.W. see C. Yuan, 241
- Huang, C.-J., Z. Tang, R.-J. Lin and P.W. Tucker, Phosphorylation by SR kinases regulates the binding of PTB-associated splicing factor (PSF) to the pre-mRNA polypyrimidine tract, 223
- Huang, C.-J. see C.-Y. Chu, 4265
- Huang, G. see H. Gao, 581
- Huang, H.-C. see T.-C. Huang, 3517
- Huang, H.B. see M.Q. Liao, 1161
- Huang, J., Y. Zhang, M. Li, S. Wang, W. Liu, P. Couble, G. Zhao and Y. Huang, RNA interference-mediated silencing of the bursicon gene induces defects in wing expansion of silkworm, 697
- Huang, K.-C., Z. Yasrael, C. Guérin, P.C. Holland and J. Nalbantoglu, Interaction of the Coxsackie and adenovirus receptor (CAR) with the cytoskeleton: Binding to actin, 2702
- Huang, K.-Y. see C.-Y. Chu, 4265
- Huang, L. see J.A. Hernández, 1351
- Huang, L., P. Ho and C.-H. Chen, Activation and inhibition of the proteasome by betulinic acid and its derivatives, 4955
- Huang, P.L. see J. Bao, 2737
- Huang, P.L. see J. Bao, 2737
- Huang, Q. see S. Tan, 1081
- Huang, R. see X. Zhou, 4943
- Huang, S.Q. see F.L. Xie, 1464
- Huang, T.-C., H.-C. Huang, C.-C. Chang, H.-Y. Chang, C.-H. Ou, C.-H. Hsu, S.-T. Chen and H.-F. Juan, An apoptosis-related gene network induced by novel compound-cRGD in human breast cancer cells, 3517
- Huang, Y. see K.W. Leung, 2423
- Huang, Y. see J. Huang, 697
- HuangFu, W.-C., K. Matsumoto and J. Ninomiya-Tsuji, Osmotic stress blocks NF- $\kappa$ B-dependent inflammatory responses by inhibiting ubiquitination of I $\kappa$ B, 5549
- Huber, S.M. see R.S. Kasinathan, 5407
- Huelsken, J. see M.M. Faraldo, 831
- Huganir, R.L. see B. Ye, 4403
- Hugenholtz, J. see F. Santos, 4865
- Hugon, J. see S. Ingrand, 4473
- Huhtala, M. see M. Tulla, 2434
- Humphries, J.D. and M.J. Humphries, CD14 is a ligand for the integrin  $\alpha$ 4 $\beta$ 1, 757
- Humphries, M.J. see J.D. Humphries, 757
- Hundal, H.S. see N. Dimopoulos, 4743
- Hung, C.-C. see C.-Y. Chu, 4265
- Hunt, S.J. and W.J. Nelson, Fabrication of a dual substrate display to test roles of cell adhesion proteins in vesicle targeting to plasma membrane domains, 4539
- Hunter, A.L., J. Zhang, S.C. Chen, X. Si, B. Wong, D. Ekhterae, H. Luo and D.J. Granville, Apoptosis repressor with caspase recruitment domain (ARC) inhibits myogenic differentiation, 879
- Hunyadi-Gulyás, É. see B. Varga, 4783
- Hurst, A.C. see R. Gehwolf, 448
- Hurt, E. see E. Kowalinski, 4450
- Hurtado-Guerrero, R., O. Raimi, S. Shepherd and D.M.F. van Aalten, Glucose-6-phosphate as a probe for the glucosamine-6-phosphate *N*-acetyltransferase Michaelis complex, 5597
- Huss, M. see B. Kunze, 3523
- Huss, M. and H. Wiczorek, Influence of ATP and ADP on dissociation of the V-ATPase into its V<sub>1</sub> and V<sub>O</sub> complexes, 5566
- Husson, J. see A. Perier, 5480
- Husson, S.J. and L. Schoofs, Altered neuropeptide profile of *Caenorhabditis elegans* lacking the chaperone protein 7B2 as analyzed by mass spectrometry, 4288
- Hussong, S.A. see C.M. Ethen, 885
- Huston, W.M., J.E. Swedberg, J.M. Harris, T.P. Walsh, S.A. Mathews and P. Timms, The temperature activated HtrA protease from pathogen *Chlamydia trachomatis* acts as both a chaperone and protease at 37 °C, 3382
- Huttunen, H.J., C. Greco and D.M. Kovacs, Knockdown of ACAT-1 reduces amyloidogenic processing of APP, 1688
- Hwang, H.-J. see S. Mima, 1457
- Hwang, J.-S. see W.-H. Kang, 3473
- Hwang, N.S., S. Varghese, H.J. Lee, P. Theprungsirikul, A. Canver, B. Sharma and J. Elisseeff, Response of zonal chondrocytes to extracellular matrix-hydrogels, 4172
- Hwang, S.A. see C. Lee, 2517
- Hwang, Y.P. see E.H. Han, 749
- Hyun, J.W. see K.A. Kang, 2000

# I

- Ian Smith, A. see S. Kuruppu, 4501
- Iba, H. see T. Haraguchi, 4949
- Ichikawa, M. see Y. Onda, 5852
- Ichikawa, T. see Y. Kume, 1631
- Ichinose, H. see T. Suzuki, 4551
- Ide, T. see T. Kajiume, 4645
- Igarashi, J. see M. Martinkova, 4109
- Igarashi, K. see Y. Nijikken, 1514
- Igarashi, T., S. Araki, H. Mori and S. Takeda, Crystal structures of catrocollastatin/VAP2B reveal a dynamic, modular architecture of ADAM/adamalysin/reprolysin family proteins, 2416
- Igarashi, T. see S. Takeda, 5859
- Ihara-Ohori, Y. see R. Oshima, 4627
- Ihara, T. see S.-i. Ito, 3217
- Ikeda, H. see Y. Kume, 1631
- Ikeda, T. see S.-i. Ito, 3217
- Ikeda, Y., K. Ishiguro and S.C. Fujita, Ether stress-induced Alzheimer-like tau phosphorylation in the normal mouse brain, 891

- Ikeuchi, C. see T. Takemoto, 218  
 Ikeuchi, M. see T. Suzuki, 21  
 Ikeuchi, M. see K. Kawakami, 4983  
 Im, D.-S. see K.S. Park, 4411  
 Imagawa, M. see T. Hishida, 4272  
 Imagawa, T. see H. Furochi, 5743  
 Imai, J.-i. see E. Ito, 3909  
 Imai, S.-i. see S. Yasuda, 551  
 Imamoto, F. see T. Funakoshi, 4910  
 Imamoto, N. see T. Funakoshi, 4910  
 Imamura, M. see N. Hiraga, 1983  
 Imamura, M. see T. Takenouchi, 3019  
 Imamura, S. see T. Yoshimura, 1495  
 Imamura, T. see H. Nitta, 5935  
 Imayavaramban, L., D. Dhayaparan and H. Devaraj, Molecular mechanism of molt-inhibiting hormone (MIH) induced suppression of ecdysteroidogenesis in the Y-organ of mud crab: *Scylla serrata*, 5167  
 Inada, M. see M. Takita, 565  
 Inagaki, N. see Y. Matsumura, 3139  
 Indovina, P., M. Collini, G. Chirico and M.T. Santini, Three-dimensional cell organization leads to almost immediate HRE activity as demonstrated by molecular imaging of MG-63 spheroids using two-photon excitation microscopy, 719  
 Ingram, D.A. see C.A. Opitz, 4927  
 Ingrand, S., L. Barrier, C. Lafay-Chebassier, B. Fauconneau, G. Page and J. Hugon, The oxindole/imidazole derivative C16 reduces in vivo brain PKR activation, 4473  
 Inomata, K. see S. Seibeck, 5425  
 Inomata, M., Y. Shimada, M. Hayashi, J. Shimizu and Y. Ohno-Iwashita, Impairment in a negative regulatory system for TCR signaling in CD4<sup>+</sup> T cells from old mice, 3039  
 Inoue, J.-i. see E. Ito, 3909  
 Inoue, M. see S. Ohnishi, 462  
 Inoue, M. see Y. Kume, 1631  
 Inoue, N. see T. Akazawa, 3334  
 Inoue, S.-I., M. Yokota, K. Nakada, H. Miyoshi and J.-I. Hayashi, Pathogenic mitochondrial DNA-induced respiration defects in hematopoietic cells result in anemia by suppressing erythroid differentiation, 1910  
 Inouye, S. see T. Suzuki, 4551  
 Inubushi, T. see K. Takata, 475  
 Iovine, M.K. see A.D. Hoptak-Solga, 3297  
 Ip, J.Y. see P. Fortes, 3087  
 Iqbal, K. see B. Kovacech, 617  
 Iqbal, K. see J. Sevcik, 5872  
 Irie, A. see H. Nitta, 5935  
 Iriti, M. see A. Cereda, 1625  
 Isacke, C.M. see S. Lax, 3550  
 Ishibashi, M., S. Tatsuda, K.-i. Izutsu, K. Kumeda, T. Arakawa and M. Tokunaga, A single Gly114Arg mutation stabilizes the hexameric subunit assembly and changes the substrate specificity of halo-archaeal nucleoside diphosphokinase, 4073  
 Ishidoh, K. see H. Furochi, 5743  
 Ishigami, M. see H. Oku, 5029  
 Ishiguro, K. see Y. Ikeda, 891  
 Ishihara, K. see F. Kamachi, 4633  
 Ishii, A., T. Nonaka, S. Taniguchi, T. Saito, T. Arai, D. Mann, T. Iwatsubo, S.-i. Hisanaga, M. Goedert and M. Hasegawa, Casein kinase 2 is the major enzyme in brain that phosphorylates Ser129 of human  $\alpha$ -synuclein: Implication for  $\alpha$ -synucleinopathies, 4711  
 Ishii, H. see M. Deushi, 5664  
 Ishii, K. see Y. Ogasawara, 2473  
 Ishii, N., Y. Suga, A. Hagiya, H. Watanabe, H. Mori, M. Yoshino and M. Tomita, Dynamic simulation of an in vitro multi-enzyme system, 413  
 Ishii, T., H. Masuzaki, T. Tanaka, N. Arai, S. Yasue, N. Kobayashi, T. Tomita, M. Noguchi, J. Fujikura, K. Ebihara, K. Hosoda and K. Nakao, Augmentation of 11 $\beta$ -hydroxysteroid dehydrogenase type 1 in LPS-activated J774.1 macrophages – Role of 11 $\beta$ -HSD1 in pro-inflammatory properties in macrophages, 349  
 Ishii, Y. see M. Washiyama, 5207  
 Ishikita, H., Modulation of the protein environment in the hydrophilic pore of the ammonia transporter protein AmtB upon GlnK protein binding, 4293  
 Ishino, F. see Y. Kamei, 91  
 Issakidis-Bourguet, E. see C. Vieira Dos Santos, 4371  
 Ito-Inaba, Y. see Y. Onda, 5852  
 Ito, E. R. Honma, Y. Yanagisawa, J.-i. Imai, S. Azuma, T. Oyama, S. Ohwada, T. Akiyama, N. Nomura, J.-i. Inoue, S. Watanabe and K. Semba, Novel clusters of highly expressed genes accompany genomic amplification in breast cancers, 3909  
 Ito, H. see R. Kikuchi, 1800  
 Ito, H. see M.K. Kaneko, 331  
 Ito, K. see S. Zhang, 315  
 Ito, K. see Y. Onda, 5852  
 Ito, M. see M. Deushi, 5664  
 Ito, S.-i., T. Ihara, H. Tamura, S. Tanaka, T. Ikeda, H. Kajihara, C. Dissanayake, F.F. Abdel-Motaal and M.A. El-Sayed,  $\alpha$ -Tomatine, the major saponin in tomato, induces programmed cell death mediated by reactive oxygen species in the fungal pathogen *Fusarium oxysporum*, 3217  
 Ito, T. see Y. Onda, 5852  
 Ito, T. see T. Haraguchi, 4949  
 Ito, Y. see T. Chan, 2691  
 Ito, Y. see Y. Onda, 5852  
 Itoyama, Y. see T. Hasegawa, 406  
 Itsko, M. and A. Zaritsky, Exposing cryptic antibacterial activity in Cyt1Ca from *Bacillus thuringiensis israelensis* by genetic manipulations, 1775  
 Iturriz, X. and P.J. Parker, PKC $\zeta$ II is a target for degradation through the tumour suppressor protein pVHL, 1397  
 Ivanov, B., M. Mubarakshina and S. Khorobrykh, Kinetics of the plastoquinone pool oxidation following illumination. Oxygen incorporation into photosynthetic electron transport chain, 1342  
 Ivanov, D. see S. Ghosh, 4523  
 Iwabe, N. see D. Hoshiyama, 1639  
 Iwai, M. see K. Kawakami, 4983  
 Iwai, M. see A. Okumura, 5255  
 Iwama, H., T. Masaki and S. Kuriyama, Abundance of microRNA target motifs in the 3'-UTRs of 20 527 human genes, 1805  
 Iwamaru, Y. see T. Takenouchi, 3019  
 Iwao, E. see N. Hiraga, 1983  
 Iwao, H. see G. Sihm, 962  
 Iwasaki, S., A. Takeda, H. Motose and Y. Watanabe, Characterization of *Arabidopsis* decapping proteins AtDCP1 and AtDCP2, which are essential for post-embryonic development, 2455  
 Iwasaki, T. see R. Kikuchi, 1800  
 Iwashita, T. see E. Harada, 4298  
 Iwashita, T. see N. Yamaji, 3789  
 Iwatsubo, T. see A. Ishii, 4711  
 Izard, T. see N. Ramarao, 853  
 Izaurralde, E. see I. Behm-Ansmant, 2845  
 Ize, B. see G.L. Orriss, 4091  
 Izuhara, K. see S. Kanaji, 4260  
 Izumi, S. see M. Kai, 3345  
 Izutsu, K.-i. see M. Ishibashi, 4073
- ## J
- Jäälinoja, J. see M. Tulla, 2434  
 Jäättelä, M. see M. Dugaard, 3702  
 Jackowski, S. see R. Leonardi, 4639  
 Jackson, S.N. see A. McMahon, 5459  
 Jacobsson, A. see T. Kobayashi, 3157  
 Jacquemin, E. see E. Gonzales, 3260  
 Jaedicke, A. see M. Gorjánác, 2794  
 Jager, J. see M. Aouadi, 5591  
 Jagodzinski, P.P. see L. Kubarek, 1441  
 Jahani-Asl, A., A. Basak and B.K. Tsang, Caspase-3-mediated cleavage of Akt: Involvement of non-consensus sites and influence of phosphorylation, 2883  
 Jahn, R. see U. Lippert, 3479  
 Jaisson, S., C. Delevallée-Forte, F. Touré, P. Rieu, R. Garnotel and P. Giller, Carbamylated albumin is a potent inhibitor of polymorphonuclear neutrophil respiratory burst, 1509  
 Jakobsen, I. see H. Gu, 579  
 Jakopitsch, C. see J. Vlasits, 320  
 James, J.J., B.S. Lakshmi, A.S.N. Seshasayee and P. Gautam, Activation of *Candida rugosa* lipase at alkane-aqueous interfaces: A molecular dynamics study, 4377  
 James, P.A. see M.Z. Cader, 2959  
 Janeček, Š., B. Svensson and E.A. MacGregor, A remote but significant sequence homology between glycoside hydrolase clan GH-H and family GH31, 1261

Jang, J.H. see C. Park, 3800  
 Jang, J.J. see S.J. Myung, 2954  
 Jang, S.-H. see C. Lee, 2517  
 Janga, S.C. see H. Salgado, 3499  
 Janich, P. and D. Corbeil, GM<sub>1</sub> and GM<sub>3</sub> gangliosides highlight distinct lipid microdomains within the apical domain of epithelial cells, 1783  
 Janson, E.T. see J. Saras, 1957  
 Janssen, D.B. see D.P.H.M. Heuts, 4905  
 Jara-Pérez, V. see M. Andújar-Sánchez, 3449  
 Jarczowski, F. see F. Erdmann, 5709  
 Javed, S. see J. Karar, 4577  
 Jayaraman, A. see F.S. Senocak, 5865  
 Jayaraman, S. see M. Prunotto, 5847  
 Jeansonne, B.G. see R. Tatum, 3887  
 Jemth, P. see C.N. Chi, 1109  
 Jenkins, J.A. see R. Wijesinha-Bettoni, 4557  
 Jenkinson, E. see S. Lax, 3550  
 Jennings, M.P. see A.C. Badrick, 4663  
 Jennische, E. see C.-F. Flach, 3183  
 Jensen, C.J. see U. Basu, 4153  
 Jeon, S.-H., M.-Y. Lee, S.-J. Kim, S.-G. Joe, G.-B. Kim, I.-S. Kim, N.-S. Kim, C.-U. Hong, S.-Z. Kim, J.-S. Kim and H.-S. Kang, Taurine increases cell proliferation and generates an increase in [Mg<sup>2+</sup>]<sub>i</sub> accompanied by ERK 1/2 activation in human osteoblast cells, 5929  
 Jeong, H.G. see E.H. Han, 749  
 Jeong, J.-S. see S.-H. Hong, 5396  
 Jeong, T.C. see E.H. Han, 749  
 Jeong, Y.-I. see J.S. Lee, 57  
 Jeong, Y.-I. see I.D. Jung, 1449  
 Jetten, A.M. see Y.-S. Kim, 858  
 Jhun, B. see Z. Ma, 4485  
 Ji, Q. see H. Gao, 581  
 Jia, Q. see X. Dong, 5796  
 Jia, W. see Y. Ni, 707  
 Jia, X. see B. Sun, 3277  
 Jiang, D. see Y. Sheng, 1763  
 Jiang, H. see Z. Gu, 981  
 Jiang, H.-L. see Y.-X. Wang, 558  
 Jiang, K. see Y. Liu, 4318  
 Jiang, M.T. see M. Ljubkovic, 4255  
 Jiang, Z.-F. see X.-L. Dai, 1269  
 Jiang, Z.Y. see Q.T. Gao, 233  
 Jiang, Z.Y. see Q.T. Gao, 5087  
 Jin, C., A. Barrientos, C.B. Epstein, R.A. Butow and A. Tzagoloff, *SIT4* regulation of Mig1p-mediated catabolite repression in *Saccharomyces cerevisiae*, 5658  
 Jin, W., G. Di, J. Li, Y. Chen, W. Li, J. Wu, T. Cheng, M. Yao and Z. Shao, TIEG1 induces apoptosis through mitochondrial apoptotic pathway and promotes apoptosis induced by homoharringtonine and velcade, 3826  
 Jinno, M. see A. Hikosaka, 3013  
 Jinno, S. see Q. Kan, 5879  
 Joe, S.-G. see S.-H. Jeon, 5929  
 Joe, Y.A. see J.-M. Ha, 2663  
 Johansson, S. see C. Lundin, 3809  
 Johnson, A.E. see C. Lundin, 3809  
 Johnson, E.A. see S. Pellett, 4803  
 Johnson, M.S. see M. Tulla, 2434  
 Johnson, S. see D. Sweetman, 4165  
 Jomaa, H. see D. Adediji, 279  
 Jonckheere, V. see S. Dhaese, 4809  
 Jones, A.M. see G.F.E. Scherer, 4205  
 Jones, C.E. see A.C. Badrick, 4663  
 Jones, D.D. see A.M. Simm, 3904  
 Jones, E.Y. see M. Crispin, 1963  
 Joo, S.-h. see H.-W. Kang, 5774  
 Joshi, M.B. see S. Ghosh, 4523  
 Jouandot II, D. see S. Pasula, 3230  
 Jovin, T.M. see M.M. Echarte, 2905  
 Jowitt, T. see P.D. Thompson, 1233  
 Ju, D., X. Wang, H. Xu and Y. Xie, The armadillo repeats of the Ufd4 ubiquitin ligase recognize ubiquitin-fusion proteins, 265  
 Juan, H.-F. see T.-C. Huang, 3517  
 Jules, M. and C. Buchrieser, *Legionella pneumophila* adaptation to intracellular life and the host response: Clues from genomics and transcriptomics, 2829  
 Juliano, L. see C.X. Moss, 5635  
 Jun, H.-O., Y. Kim, Y.-W. Kwon, S.-S. Hong, K.-W. Kim, J. Shin and T.-Y. Kim, Wondonin, a novel compound, inhibits hypoxia-

induced angiogenesis through hypoxia-inducible factor 1 alpha, 4977  
 Jung, H.-I. see S.-H. Hong, 5396  
 Jung, I.D., C.-M. Lee, Y.-I. Jeong, J.S. Lee, W.S. Park, J. Han and Y.-M. Park, Differential regulation of indoleamine 2,3-dioxygenase by lipopolysaccharide and interferon gamma in murine bone marrow derived dendritic cells, 1449  
 Jung, I.D. see J.S. Lee, 57  
 Jung, S.H. see T.-H. Kim, 4899  
 Jung, Y.-S., H.-Y. Kim, Y.J. Lee and E. Kim, Subcellular localization of Daxx determines its opposing functions in ischemic cell death, 843  
 Jupin, I. see L. Camborde, 337  
 Juszczyk, P. see P. Stańczak, 4544  
 Jürgensen, V.W. see K. Modig, 4965

## K

Kabe, Y. see M. Yugami, 1  
 Kabra, D.G. see K. Tikoo, 2027  
 Kabra, D.G. see K. Tikoo, 1071  
 Kaczanowski, S. see J. Orlowski, 52  
 Kadmon, J. see Y. Tsfadia, 1243  
 Kadowaki, T. see S. Kanaji, 4260  
 Kagamu, H. see M. Watanabe, 2017  
 Kagawa, T. and N. Suetsugu, Photometrical analysis with photosensory domains of photoreceptors in green algae, 368  
 Kai, M. see S. Yasuda, 551  
 Kai, M., Y. Fujita, Y. Maeda, N. Nakata, S. Izumi, I. Yano and M. Makino, Identification of trehalose dimycolate (cord factor) in *Mycobacterium leprae*, 3345  
 Kaiser, P. see S.M. Harrison, 1275  
 Kajihara, H. see S.-i. Ito, 3217  
 Kajita, E. see T. Nishiyama, 3223  
 Kajiume, T., L. Yuge, Y. Kawahara, R. Yoshimoto, A. Sasaki, T. Ide, M. Asashima, K. Kataoka and M. Kobayashi, Floating culture promotes the maintenance of hematopoietic stem cells, 4645  
 Kajiya, K. see D. Xu, 5227  
 Kakinuma, Y. see M. Kuwabara, 4821  
 Kaldenhoff, R. see A. Bertl, 5413  
 Kaliappan, S. see P.S. Bora, 1977  
 Käll, L. see C. Lundin, 5601  
 Kalla, C. see G. Guigas, 5094  
 Kamachi, F., M. Yanai, H.S. Ban, K. Ishihara, J. Hong, K. Ohuchi and N. Hirasawa, Involvement of Na<sup>+</sup>/H<sup>+</sup> exchangers in induction of cyclooxygenase-2 by vacuolar-type (H<sup>+</sup>)-ATPase inhibitors in RAW 264 cells, 4633  
 Kamatari, Y.O., H.K. Nakamura and K. Kuwata, Strange kinetic phase in the extremely early folding process of β-lactoglobulin, 4463  
 Kamdar, O. see J. Zhang, 4148  
 Kamei, Y., T. Suganami, T. Kohda, F. Ishino, K. Yasuda, S. Miura, O. Ezaki and Y. Ogawa, *Peg1/Mest* in obese adipose tissue is expressed from the paternal allele in an isoform-specific manner, 91  
 Kameoka, M. see T.S. Lau, 3253  
 Kametani, F. see A. Masad, 3489  
 Kameyama, A. see M.K. Kaneko, 331  
 Kamiyo, R. see A. Miyazono, 5321  
 Kamińska, J., M. Sędek, M. Wysocka-Kapcińska and T. Żołądek, Characterization of nuclear localization and nuclear export signals of yeast actin-binding protein Pan1, 5371  
 Kaminska, M., M. Francin, V. Shalak and M. Mirande, Role of HIV-1 Vpr-induced apoptosis on the release of mitochondrial lysyl-tRNA synthetase, 3105  
 Kamiya, N. see K. Kawakami, 4983  
 Kan, Q., S. Jinno, H. Yamamoto and H. Okayama, Chemical DNA damage activates p21<sup>WAF1/CIP1</sup>-dependent intra-S checkpoint, 5879  
 Kanai, A. see Y. Watanabe, 4603  
 Kanaji, S., Y. Tanaka, Y. Sakata, K. Takeshita, K. Arima, S. Ohta, E.J. Hansell, C. Caffrey, J.C. Mottram, J. Lowther, S. Donnelly, C. Stack, T. Kadowaki, K. Yamamoto, J.H. McKerrow, J.P. Dalton, G.H. Coombs and K. Izuhara, Squamous cell carcinoma antigen 1 is an inhibitor of parasite-derived cysteine proteases, 4260  
 Kanaya, S. see C. Angkawidjaja, 5060  
 Kanazawa, H. see M. Watanabe, 2017  
 Kaneko, M. see Y. Kume, 1631

- Kaneko, M., S. Yasui, Y. Niinuma, K. Arai, T. Omura, Y. Okuma and Y. Nomura, A different pathway in the endoplasmic reticulum stress-induced expression of human HRD1 and SEL1 genes, 5355
- Kaneko, M.K., Y. Kato, A. Kameyama, H. Ito, A. Kuno, J. Hirabayashi, T. Kubota, K. Amano, Y. Chiba, Y. Hasegawa, I. Sasagawa, K. Mishima and H. Narimatsu, Functional glycosylation of human podoplanin: Glycan structure of platelet aggregation-inducing factor, 331
- Kaneko, S. see N. Hiraga, 1983
- Kang, H.-S. see S.-H. Jeon, 5929
- Kang, H.-W., H.-J. Moon, S.-h. Joo and J.-H. Lee, Histidine residues in the IS3-IS4 loop are critical for nickel-sensitive inhibition of the  $\text{Ca}_v2.3$  calcium channel, 5774
- Kang, H.S. see Y.-S. Kim, 858
- Kang, J., M.S. Lee, S.J. Watowich and D.G. Gorenstein, Combinatorial selection of a RNA thioaptamer that binds to Venezuelan equine encephalitis virus capsid protein, 2497
- Kang, J.-H., C.-S. Kim, I.-S. Han, T. Kawada and R. Yu, Capsaicin, a spicy component of hot peppers, modulates adipokine gene expression and protein release from obese-mouse adipose tissues and isolated adipocytes, and suppresses the inflammatory responses of adipose tissue macrophages, 4389
- Kang, J.H. see J.H. Kim, 623
- Kang, K.A., K.H. Lee, J.W. Park, N.H. Lee, H.K. Na, Y.J. Surh, H.J. You, M.H. Chung and J.W. Hyun, Triphloretol-A induces heme oxygenase-1 via activation of ERK and NF-E2 related factor 2 transcription factor, 2000
- Kang, W.-H., Y.-D. Park, J.-S. Hwang and H.-M. Park, RNA-binding protein Csx1 is phosphorylated by LAMMER kinase, Lkh1, in response to oxidative stress in *Schizosaccharomyces pombe*, 3473
- Kang, W.K. see C. Park, 3800
- Kannagi, M. see M. Washiyama, 5207
- Kannenbergh, F. see T. Engel, 1673
- Kanoh, H. see S. Yasuda, 551
- Kanwischer, M. see N. Schenk, 5517
- Kanzawa, N. see M. Washiyama, 5207
- Kao, J.P.Y. see E. de Leeuw, 515
- Kao, M.-C. see T.-C. Chuang, 4443
- Kaplan, B., T. Sherman and H. Fromm, Cyclic nucleotide-gated channels in plants, 2237
- Kapp, K. see C. Lundin, 5601
- Kappler, U. see A.C. Badrick, 4663
- Kapulkin, W.J., B.G. Hiester and C.D. Link, Corrigendum to "Compensatory regulation among ER chaperones in *C. elegans*" [FEBS Lett. 579 (2005) 3063-3068], 5952
- Kapus, A. see T.Y. El Sayegh, 167
- Käpylä, J. see M. Tulla, 2434
- Karafoulidou, A. see P. Tsioura, 4049
- Karande, A.A. see B.L. Poornima, 4366
- Karapetyan, N.V. see M.G. Rakhimberdieva, 2429
- Karar, J., K.S. Dolt, M.K. Mishra, E. Arif, S. Javed and M.A.Q. Pasha, Expression and functional activity of pro-oxidants and antioxidants in murine heart exposed to acute hypobaric hypoxia, 4577
- Karlsson, E. see E. Cuyper, 1699
- Karnik, S.S. see C. Lee, 2517
- Kasai, A. see Y. Takano, 421
- Kasai, A. see N. Hiramatsu, 2055
- Kashima, I. see I. Behm-Ansmant, 2845
- Kashiwagi, A. see T. Takemoto, 218
- Kashiwagi, A. see Y. Morita, 3579
- Kashiwagi, A. see Y. Morita, 1417
- Kasinath, B.S. see F. Das, 5259
- Kasinathan, R.S., M. Föller, C. Lang, S. Koka, F. Lang and S.M. Huber, Oxidation induces ClC-3-dependent anion channels in human leukaemia cells, 5407
- Kataoka, K. see T. Kajjume, 4645
- Katare, R.G. see M. Kuwabara, 4821
- Kato, N. see T. Takenouchi, 3019
- Kato, N. see N. Yanaka, 712
- Kato, S., Y. Mohri, T. Matsuo, E. Ogawa, A. Umezawa, R. Okuyama and K. Nishimori, Eye-open at birth phenotype with reduced keratinocyte motility in LGR4 null mice, 4685
- Kato, Y. see M.K. Kaneko, 331
- Kato, Y. see Y. Onda, 5852
- Katsube, K.-i. see H. Ota, 5220
- Kawada, T. see J.-H. Kang, 4389
- Kawahara, A. see A. Hikosaka, 3013
- M. Kawahara, Q. Wu, A.C. Ferguson-Smith and T. Kono, Appropriate expression of imprinted genes on mouse chromosome 12 extends development of bi-maternal embryos to term, 5178
- Kawahara, Y. see T. Kajjume, 4645
- Kawai-Yamada, M. see R. Oshima, 4627
- Kawaide, H. see K.-i. Hayashi, 2748
- Kawakami, A. see M. Tani, 4621
- Kawakami, A. see M. Deushi, 5664
- Kawakami, K. see T. Shibano, 4333
- Kawakami, K., M. Iwai, M. Ikeuchi, N. Kamiya and J.-R. Shen, Location of PsbY in oxygen-evolving photosystem II revealed by mutagenesis and X-ray crystallography, 4983
- Kawamichi, H. see D. Xu, 5227
- Kawamoto, H. see T. Yotsui, 427
- Kawamoto, R. see T. Yamamoto, 5234
- Kawanaka, M. see T. Hitomi, 1087
- Kawasaki, S., M. Ono, Y. Watamura, Y. Sakai, T. Satoh, T. Arai, J. Satoh and Y. Niimura, An  $\text{O}_2$ -inducible rubrerythrin-like protein, rubroperoxin, is functional as a  $\text{H}_2\text{O}_2$  reductase in an obligatory anaerobe *Clostridium acetobutylicum*, 2460
- Kawase, Y. see S. Masada, 2562
- Kazachkov, M. see Q. Chen, 5511
- Keay, S.K. see J. Kim, 3795
- Kedzierski, W. see A. McMahon, 5459
- Keicho, N. see M. Watanabe, 2017
- Keller, F. see E.M. Tapernoux-Lüthi, 1811
- Keller, J.N. see L. Zhang, 5543
- Kelly, A.P. see C. David Wood, 3494
- Kelly, S.M. see E. Schmidt, 2974
- Kelsall, I.R., S. Munro, I. Hallyburton, J.L. Treadway and P.T.W. Cohen, The hepatic PP1 glycogen-targeting subunit interaction with phosphorylase *a* can be blocked by C-terminal tyrosine deletion or an indole drug, 4749
- Kempf, C. see T. Kremer, 4727
- Kenney, S.C. see F. Yu, 3485
- Kenngott, C. see C. Böhmer, 5586
- Keogh, A. see S. Sibold, 989
- Kerkhoff, C. see W. Nacken, 5127
- Kerner, J., P.E. Minkler, E.J. Lesnefsky and C.L. Hoppel, Fatty acid chain-elongation in perfused rat heart: Synthesis of stearyl carnitine from perfused palmitate, 4491
- Kersten, S. see N. Wieneke, 5617
- Kessi, E. see A. Preller, 663
- Kestler, H.A. see C. Wawra, 4043
- Kestler, H.A. see R. Anton, 5247
- Keyser, J., M. Lörger, J. Pavlovic, G. Radziwill and K. Moelling, Role of AF6 protein in cell-to-cell spread of Herpes simplex virus 1, 5349
- Khambay, B.P.S. see P.N.R. Usherwood, 5485
- Khatypov, R.A. see T.Y. Fufina, 5769
- Khawn, H. see S. Seibeck, 5425
- Khoo, U.S. see L.W.T. Cheung, 4668
- Khorobrykh, S. see B. Ivanov, 1342
- Khurana, T.S. see U. Basu, 4153
- Kida, Y. see D. Miura, 2541
- Kiefer, P. see C. Nicolas, 3771
- Kiel, J.A.K.W. see B. de Vries, 5627
- Kielbiński, M. see E. Gocek, 1751
- Kigawa, T. see S. Ohnishi, 462
- Kihara, S. see H. Oku, 5029
- Kikuchi, A. see T. Hasegawa, 406
- Kikuchi, R., S. Sobue, M. Murakami, H. Ito, A. Kimura, T. Iwasaki, S. Shibayama, A. Takagi, T. Kojima, M. Suzuki, Y. Banno, Y. Nozawa and T. Murate, Mechanism of vitamin  $\text{D}_3$ -induced transcription of phospholipase D1 in HaCat human keratinocytes, 1800
- Killian, J.A. see M. Raja, 5715
- Kim, B.-H. see J.S. Lee, 57
- Kim, B.-M., J.Y. Choi, Y.-J. Kim, H.-D. Woo and H.W. Chung, Reoxygenation following hypoxia activates DNA-damage checkpoint signaling pathways that suppress cell-cycle progression in cultured human lymphocytes, 3005
- Kim, C.-S. see J.-H. Kang, 4389
- Kim, C.D. see S.J. Lee, 4189
- Kim, C.Y. see S.M. Lee, 3943
- Kim, D. see S. Ahn, 3455
- Kim, D.-E. see K.-S. Kim, 5733
- Kim, D.-E. see K.-S. Kim, 4065
- Kim, D.H. see H.-L. Kim, 5430
- Kim, E. see Y.-S. Jung, 843
- Kim, G.-B. see S.-H. Jeon, 5929
- Kim, G.Y. see D.H. Choi, 1649
- Kim, H.-J. see M.-D. Seo, 65

- Kim, H.-L., Y.K. Choi, D.H. Kim, S.O. Park, J. Han and Y.S. Park, Tetrahydropteridine deficiency impairs mitochondrial function in *Dictyostelium discoideum* Ax2, 5430
- Kim, H.-S. see H.-o. Lee, 5640
- Kim, H.-Y. see Y.-S. Jung, 843
- Kim, H.S. see S.M. Lee, 3943
- Kim, I.-H. see S.-H. Hong, 5396
- Kim, I.-S. see S.-H. Jeon, 5929
- Kim, J. see K.M. Seong, 2567
- Kim, J., S.K. Keay, J.D. Dimitrakov and M.R. Freeman, p53 mediates interstitial cystitis antiproliferative factor (APF)-induced growth inhibition of human urothelial cells, 3795
- Kim, J.-H. see S. Pasula, 3230
- Kim, J.-I. see J.S. Lee, 57
- Kim, J.-R. see J.-G. Lee, 787
- Kim, J.-S. see S.-H. Jeon, 5929
- Kim, J.-W. see S.-R. Won, 4999
- Kim, J.H., W.S. Kim, J.H. Kang, H.-Y. Lim, Y.-H. Ko and C. Park, Egr-1, a new downstream molecule of Epstein-Barr virus latent membraneprotein 1, 623
- Kim, J.H. see M.-K. Kim, 1917
- Kim, J.I. see S.-T. Yang, 157
- Kim, J.M. see K.S. Park, 4411
- Kim, J.Y. see S.-y. Kim, 865
- Kim, K. see R. Tatum, 3887
- Kim, K.-H., Y.S. Cho, J.-M. Park, S.-O. Yoon, K.-W. Kim and A.-S. Chung, Pro-MMP-2 activation by the PPAR $\gamma$  agonist, ciglitazone, induces cell invasion through the generation of ROS and the activation of ERK, 3303
- Kim, K.-S., W.-H. Choi, B.-R. Choi, S. Oh, S.S. Yea, M.-Y. Yoon and D.-E. Kim, Replication of an RNA ligase ribozyme under alternating temperature condition, 4065
- Kim, K.-S., W.-H. Choi, B.-R. Choi, S. Oh, S.S. Yea, M.-Y. Yoon and D.-E. Kim, Retraction notice to "Replication of an RNA ligase ribozyme under alternating temperature condition" [FEBS Lett. 581 (2007) 4065-4072], 5733
- Kim, K.-W. see K.-H. Kim, 3303
- Kim, K.-W. see H.-O. Jun, 4977
- Kim, K.H. see S. Kim, 3869
- Kim, K.H. see S.J. Lee, 4189
- Kim, K.M. see S.E. Park, 180
- Kim, K.M. see S.J. Myung, 2954
- Kim, K.M. see N. Oh, 5158
- Kim, K.T. see S.-H. Hong, 5396
- Kim, K.W., Z. Wang, J. Busby, T. Tsuruda, M. Chen, C. Hale, V.M. Castro, S. Svensson, R. Nybo, F. Xiong and M. Wang, The selectivity of tyrosine 280 of human 11 $\beta$ -hydroxysteroid dehydrogenase type 1 in inhibitor binding, 995
- Kim, M.-K., D.S. Min, Y.J. Park, J.H. Kim, S.H. Ryu and Y.-S. Bae, Expression and functional role of formyl peptide receptor in human bone marrow-derived mesenchymal stem cells, 1917
- Kim, M.-K. see K.S. Park, 4411
- Kim, M.-R. see J.-M. Ha, 2663
- Kim, N.-S. see S.-H. Jeon, 5929
- Kim, N.D. see S.E. Park, 180
- Kim, S. and K. Shah, Dissecting yeast Hog1 MAP kinase pathway using a chemical genetic approach, 1209
- Kim, S., Y. Kim, Y. Lee, K.H. Cho, K.H. Kim and J.H. Chung, Cholesterol inhibits MMP-9 expression in human epidermal keratinocytes and HaCaT cells, 3869
- Kim, S.-H. see S.-y. Kim, 865
- Kim, S.-J. see S.-H. Jeon, 5929
- Kim, S.-y., J.Y. Kim, S.-H. Kim, H.J. Bae, H. Yi, S.H. Yoon, B.S. Koo, M. Kwon, J.Y. Cho, C.-E. Lee and S. Hong, Surfactin from *Bacillus subtilis* displays anti-proliferative effect via apoptosis induction, cell cycle arrest and survival signaling suppression, 865
- Kim, S.-Z. see S.-H. Jeon, 5929
- Kim, S.A. and M.L. Gueriot, Mining iron: Iron uptake and transport in plants, 2273
- Kim, S.D. see K.S. Park, 4411
- Kim, S.Y., L.-Y. Chen, W.H. Yiu, D.A. Weinstein and J.Y. Chou, Neutrophilia and elevated serum cytokines are implicated in glycogen storage disease type Ia, 3833
- Kim, T.-g. see M.R. Mysliwiec, 2633
- Kim, T.-H., S.H. Jung and K.-H. Cho, Interlinked mutual inhibitory positive feedbacks induce robust cellular memory effects, 4899
- Kim, T.-Y. see H.-O. Jun, 4977
- Kim, W. see S.J. Myung, 2954
- Kim, W.S. see J.H. Kim, 623
- Kim, Y. see H.-O. Jun, 4977
- Kim, Y. see S. Kim, 3869
- Kim, Y. see H.K. Roy, 3857
- Kim, Y.-H. see S.-H. Hong, 5396
- Kim, Y.-J. see B.-M. Kim, 3005
- Kim, Y.-M. see S.-R. Won, 4999
- Kim, Y.-S., H.S. Kang and A.M. Jetten, The Krüppel-like zinc finger protein Glis2 functions as a negative modulator of the Wnt/ $\beta$ -catenin signaling pathway, 858
- Kim, Y.-S. see E.-S. Lee, 4325
- Kim, Y.G. see S.-S. Nah, 1928
- Kim, Y.K. see N. Oh, 5158
- Kimura, A. see R. Kikuchi, 1800
- Kimura, H. see T. Takemoto, 218
- Kimura, Y. see T. Yoshio, 3777
- Kindler, S. see M. Christenn, 5173
- Kini, H.K. and S.P. Walton, In vitro binding of single-stranded RNA by human Dicer, 5611
- Kinjo, M. see S. Mikuni, 389
- Kinoshita, H. see S. Seibeck, 5425
- Kinpara, S. see M. Washiyama, 5207
- Kirsch, J. see T. Kremer, 4727
- Kirschner, R. see K. Rother, 1166
- Kirtane, B.M. see S.N. Garcia, 5275
- Kischel, I. see R. Grempler, 5885
- Kishi, A. see Y. Watanabe, 4603
- Kishi, H. see D. Xu, 5227
- Kishi, K. see H. Furochi, 5743
- Kisko, K. see G.R. Szilvay, 2721
- Kita, T. see N. Arakaki, 3405
- Kitagaki, H., Y. Araki, K. Funato and H. Shimoi, Ethanol-induced death in yeast exhibits features of apoptosis mediated by mitochondrial fission pathway, 2935
- Kitamura, M. see Y. Takano, 421
- Kitamura, M. see N. Hiramatsu, 2055
- Kitamura, S. see S. Ohnishi, 3961
- Kitamura, Y. see K. Takata, 475
- Kitani, H. see T. Takenouchi, 3019
- Kiyonari, H. see T. Chan, 2691
- Klare, J.P. see N. Mennes, 1487
- Klaus, F. see C. Böhmer, 5586
- Klein, J.-C. see G. Sihm, 962
- Klein, K.A. see A.D. Hoptak-Solga, 3297
- Klement, E. see B. Varga, 4783
- Klewpatinond, M. and J.H. Viles, Empirical rules for rationalising visible circular dichroism of Cu<sup>2+</sup> and Ni<sup>2+</sup> histidine complexes: Applications to the prion protein, 1430
- Kliemann, M. see A. Hauburger, 4159
- Klipp, E. see Z. Zi, 4589
- Klocke, D.J. see B. Ganguly, 5723
- Klompaker, S.H. see K.B. Mosciacka, 1758
- Klopstock, N., C. Levy, D. Olam, E. Galun and D. Goldenberg, Testing transgenic regulatory elements through live mouse imaging, 3986
- Klotman, M.E. see T.L. Chang, 4596
- Klotz, M.G. see B.O. Elmore, 911
- Klyuyeva, A., A. Tuganova and K.M. Popov, Amino acid residues responsible for the recognition of dichloroacetate by pyruvate dehydrogenase kinase 2, 2988
- Knecht, E. see I. Esteban, 3415
- Knemeyer, J.-P. see A. Friedrich, 1644
- Knight, R.A. see S.M. Soond, 1217
- Knoop, V. see V. Salone, 4132
- Knorpp, C. see J. Hammargren, 3507
- Knott, J.M., P. Rmer and M. Sumper, Putative spermine synthases from *Thalassiosira pseudonana* and *Arabidopsis thaliana* synthesize thermospermine rather than spermine, 3081
- Ko, K.M., W. Lee, J.-R. Yu and J. Ahnn, PYP-1, inorganic pyrophosphatase, is required for larval development and intestinal function in *C. elegans*, 5445
- Ko, Y.-H. see J.H. Kim, 623
- Koay, A., K.A. Rimmer, H.D.T. Mertens, P.R. Gooley and D. Stapleton, Oligosaccharide recognition and binding to the carbohydrate binding module of AMP-activated protein kinase, 5055
- Kobayashi, H. see H. Nitta, 5935
- Kobayashi, M. see A. Miyazono, 5321
- Kobayashi, M. see T. Kajume, 4645
- Kobayashi, N. see T. Ishii, 349
- Kobayashi, S. see D. Xu, 5227
- Kobayashi, T., D. Zadravec and A. Jacobsson, ELOVL2 overexpression enhances triacylglycerol synthesis in 3T3-L1 and F442A cells, 3157

- Koder, A. see N. Mitro, 1721  
 Koerkamp, E.K. see L. Wieten, 3716  
 Koetsier, J.L. see H.K. Roy, 3857  
 Koga, Y. see C. Angkawidjaja, 5060  
 Kohda, T. see Y. Kamei, 91  
 Köhler, U. see D. Adedeji, 279  
 Koike, C. see F. Hosseinpour, 4937  
 Koinuma, S. see I. Yamanaka, 4098  
 Koiwa, H. see Y. Onda, 5852  
 Kojima, D. see M. Torii, 5327  
 Kojima K. and H. Nakamoto, A novel light- and heat-responsive regulation of the *groE* transcription in the absence of HrcA or CIRCE in cyanobacteria, 1871  
 Kojima, T. see R. Kikuchi, 1800  
 Koka, S. see R.S. Kasinathan, 5407  
 Kolanczyk, M. see T. Zemojtel, 2072  
 Kolar, F. see P. Flachs, 1093  
 Kolesnick, R.N. see S. Lahiri, 5289  
 Kolesnikova, O. see I. Brandina, 4248  
 Kolly, C., A. Zakher, C. Strauss, M.M. Suter and E.J. Müller, Keratinocyte transcriptional regulation of the human c-Myc promoter occurs via a novel Lef/Tcf binding element distinct from neoplastic cells, 1969  
 Komiyama, J. see H. Hiura, 1255  
 Koncz, C. see M. Garzón, 3189  
 Kondo, K. see M. Tani, 4621  
 Kondow, A. see T. Chan, 2691  
 Kong, S.-K. see J.C.-K. Lui, 109  
 T. Konno, S. Oiki and T. Morii, Synergistic action of polyanionic and non-polar cofactors in fibrillation of human islet amyloid polypeptide, 1635  
 Kono, T. see H. Hiura, 1255  
 Kono, T. see M. Kawahara, 5178  
 Kontogianni-Konstantopoulos, A. see A.L. Bowman, 1549  
 Kontseikova, E. see B. Kovacech, 617  
 Koo, B.S. see S.-y. Kim, 865  
 Kopecky, J. see P. Flachs, 1093  
 Kopecky, P. see P. Flachs, 1093  
 Kopera, E. see M. Adamczyk, 1409  
 Korcsmáros, T. see C. Böde, 2776  
 Korcsmáros, T. see M.S. Szalay, 3675  
 Kordys, D.R., B.G. Bobay, R.J. Thompson, R.A. Venters and J. Cavanagh, Peptide binding proclivities of calcium loaded calbindin-D28k, 4778  
 Korhonen, T.K. see P. Ramu, 1716  
 Korinek, A. see S. Nickell, 2751  
 Korkmaz, B. see E. Hajjar, 5685  
 Körner, C. see M. Sarić, 1369  
 Koropatnick, J. see Z.-M. Liu, 2465  
 Korsmeyer, S.J. see A. Ruiz-Vela, 3422  
 Koruth, M. see C.J. Marek, 781  
 Koseki, M. see H. Oku, 5029  
 Koshiba, S. see S. Ohnishi, 462  
 Koshman, Y.E. see S.E. Senyo, 4241  
 Kossler, N. see T. Zemojtel, 2072  
 Kossmann, J. see H. Gu, 579  
 Koteiche, H.A., M.S. Kumar and H.S. Mchaourab, Analysis of  $\beta$ B1-crystallin unfolding equilibrium by spin and fluorescence labeling: Evidence of a dimeric intermediate, 1933  
 Koteiche, H.A. see H.S. Mchaourab, 1939  
 Kotlyar, A. see N. Borovok, 5843  
 Koukikolo, R., S.M. Sagan and J.P. Pezacki, Effects of pH and salt concentration on the siRNA binding activity of the RNA silencing suppressor protein p19, 3051  
 Kovacech, B., E. Kontseikova, N. Zilka, P. Novak, R. Skrabana, P. Filipeik, K. Iqbal and M. Novak, A novel monoclonal antibody DC63 reveals that inhibitor 1 of protein phosphatase 2A is preferentially nuclearly localised in human brain, 617  
 Kovács, I.A. see C. Böde, 2776  
 Kovács, I.A. see M.S. Szalay, 3675  
 Kovacs, D.M. see H.J. Huttunen, 1688  
 Kovalevskiy, O.V. see E.A. Rodikova, 1190  
 Kovári, J. see B. Varga, 4783  
 Kowalinski, E., G. Bange, B. Bradatsch, E. Hurt, K. Wild and I. Sinning, The crystal structure of Ebp1 reveals a methionine aminopeptidase fold as binding platform for multiple interactions, 4450  
 Koya, D. see Y. Morita, 1417  
 Koya, D. see Y. Morita, 3579  
 Koyama, M. see T. Hitomi, 1087  
 Kozawa, O. see H. Tokuda, 1311  
 Kozłowski, H. see P. Stańczak, 4544  
 Kozminsky-Atias, A., E. Somech and N. Zilberberg, Isolation of the first toxin from the scorpion *Buthus occitanus israelis* showing preference for *Shaker* potassium channels, 2478  
 Krag, T.O.B. see U. Basu, 4153  
 Kragelund, B.B. see J.R. Bjelke, 71  
 Krämer, U., I.N. Talke and M. Hanikenne, Transition metal transport, 2263  
 Krashennnikov, I.A. see I. Brandina, 4248  
 Krauß, M. and V. Haucke, Phosphoinositides: Regulators of membrane traffic and protein function, 2105  
 Kräusslich, H.-G. see S. Welsch, 2089  
 Kreher, S.A. see C. Lundin, 5601  
 Kreienkamp, H.-J. see M. Christenn, 5173  
 Kremer, L. see E. Eläss, 1383  
 Kremer, T., C. Kempf, N. Wittenmayer, R. Nawrotzki, T. Kuner, J. Kirsch and T. Dresbach, Mover is a novel vertebrate-specific presynaptic protein with differential distribution at subsets of CNS synapses, 4727  
 Krendel, M., E.K. Osterweil and M.S. Mooseker, Myosin 1E interacts with synaptojanin-1 and dynamin and is involved in endocytosis, 644  
 Kretz-Remy, C. see A.-P. Arrigo, 3665  
 Kreuter, J. see H. Ogbomo, 1317  
 Krieger-Liszkay, A. see B.B. Fischer, 5555  
 Krohn, R. see M. Dewor, 4734  
 Krömer, J. see C. Nicolas, 3771  
 Krupitza, G. see K.W. Sommer, 4921  
 Krysan, P. see S.-H. Su, 3171  
 Kubarek, L. and P.P. Jagodzinski, Epigenetic up-regulation of CXCR4 and CXCL12 expression by 17  $\beta$ -estradiol and tamoxifen is associated with formation of DNA methyltransferase 3B4 splice variant in Ishikawa endometrial adenocarcinoma cells, 1441  
 Kubo, T. see Y. Uno, 97  
 Kubota, T. see M.K. Kaneko, 331  
 Kuchler, K. see H. Feldmann, 2749  
 Kühl, M. see R. Anton, 5247  
 Kühl, M. see C. Wawra, 4043  
 Kuhlmann, J. see M. Sarić, 1369  
 Kuipers, F. see B. Cariou, 5191  
 Kulikova, N. see K.A. Nałęcz, 3950  
 Kumar, C. see M.B. Toledano, 4549  
 Kumar, C. see M.B. Toledano, 3598  
 Kumar, M.S. see H.S. Mchaourab, 1939  
 Kumar, M.S. see H.A. Koteiche, 1933  
 Kume, Y., H. Ikeda, M. Inoue, K. Tejima, T. Tomiya, T. Nishikawa, N. Watanabe, T. Ichikawa, M. Kaneko, S. Okubo, H. Yokota, M. Omata, K. Fujiwara and Y. Yatomi, Hepatic stellate cell damage may lead to decreased plasma ADAMTS13 activity in rats, 1631  
 Kumeda, K. see M. Ishibashi, 4073  
 Kuna, M. see N. Wieneke, 5617  
 Kuner, T. see T. Kremer, 4727  
 Kunihiro, S. see M. Tamura, 4533  
 Kuno, A. see M.K. Kaneko, 331  
 Kunst, L. see O. Rowland, 3538  
 Kunte, D.P. see H.K. Roy, 3857  
 Kunze, B., F. Sasse, H. Wiczorek and M. Huss, Cruentaren A, a highly cytotoxic benzolactone from *Myxobacteria* is a novel selective inhibitor of mitochondrial  $F_1F_0$ -ATPases, 3523  
 Kuo, C.-J. see C.-C. Lee, 5454  
 Kurganov, B. see N. Golub, 4223  
 Kuriyama, S. see H. Iwama, 1805  
 Kurokawa, R. see S. Arai, 5649  
 Kurtz, I. see S. Ryazantsev, 1898  
 Kuruppu, S., S. Reeve and A. Ian Smith, Characterisation of endothelin converting enzyme-1 shedding from endothelial cells, 4501  
 Kutay, U. see I. Zemp, 2783  
 Kuwabara, M., Y. Kakinuma, R.G. Katore, M. Ando, F. Yamasaki, Y. Doi and T. Sato, Granulocyte colony-stimulating factor activates Wnt signal to sustain gap junction function through recruitment of  $\beta$ -catenin and cadherin, 4821  
 Kuwahara-Arai, K. see T. Murakami, 140  
 Kuwahara, K. see C. Angkawidjaja, 5060  
 Kuwata, K. see Y.O. Kamatari, 4463  
 Kwon, M. see S.-y. Kim, 865  
 Kwon, Y.-W. see H.-O. Jun, 4977

# L

- Labarre, J. see D. Azevedo, 187  
 Labrecque, P. see P. Giguère, 3863  
 Lafay-Chebassier, C. see S. Ingrand, 4473  
 Lagarde, M. see B. Zarrouki, 2394  
 Laguillier, C., A.T. Hbib, F. Baran-Marszak, V. Metele, A. Cao, F. Cymbalista, A. Bogdanov Jr. and R. Fagard, Cell death in NF- $\kappa$ B-dependent tumour cell lines as a result of NF- $\kappa$ B trapping by linker-modified hairpin decoy oligonucleotide, 1143  
 Lahesmaa, R. see M. Mullin, 4309  
 Lahiri, S., H. Lee, J. Mesicek, Z. Fuks, A. Haimovitz-Friedman, R.N. Kolesnick and A.H. Futerman, Kinetic characterization of mammalian ceramide synthases: Determination of  $K_m$  values towards sphinganine, 5289  
 Lähdenmäki, K. see P. Ramu, 1716  
 Lai, L.-P. see C.-H. Pan, 526  
 Lajeunesse, E. see A. Perier, 5480  
 Lakshmi, B.S. see J.J. James, 4377  
 Lakshminarayanan, S. see R. Raghuraj, 826  
 Lakso, M. see S. Asikainen, 5050  
 Lalonde, S. see H. Gu, 579  
 Lamaze, C. see M. Gibert, 1287  
 Lambert, N.A. see M.A. Clark, 764  
 Lambrechts, A. see D. Polet, 211  
 Lammertyn, E. see E. De Buck, 259  
 Lamosa, P. see F. Santos, 4865  
 Lamour, N. see P. Mitra, 735  
 Lamparter, T. see S. Seibeck, 5425  
 Lan, M.S. see M.B. Breslin, 949  
 Lang, C. see R.S. Kasinathan, 5407  
 Lang, F. see C. Böhmer, 5586  
 Lang, F. see R.S. Kasinathan, 5407  
 Langel, Ü. see E. Bárány-Wallje, 2389  
 Langer, J.D., E.H. Stoops, J. Béthune and F.T. Wieland, Conformational changes of coat proteins during vesicle formation, 2083  
 Langhorst, M.F., G.P. Solis, S. Hannbeck, H. Plattner and C.A.O. Stuermer, Linking membrane microdomains to the cytoskeleton: Regulation of the lateral mobility of reggie-1/flotillin-2 by interaction with actin, 4697  
 Lania, L. see S. Amente, 821  
 Lanni, A. see A. Lombardi, 5911  
 Lara, F.A. see J.B.R. Corrêa Soares, 1742  
 Lareu, R.R., K.H. Subramhanya, Y. Peng, P. Benny, C. Chen, Z. Wang, R. Rajagopalan and M. Raghunath, Collagen matrix deposition is dramatically enhanced *in vitro* when crowded with charged macromolecules: The biological relevance of the excluded volume effect, 2709  
 Larkum, A.W.D. see S. Santabarbara, 1567  
 Laroche, G. see P. Giguère, 3863  
 Larsen, R.W. see A. Mokdad, 4512  
 Larsson, O. see J.T. Deeney, 4080  
 Lascoux, D. see M. Sendra, 1362  
 Latchman, D.S. see M. Calissano, 2490  
 Latchman, D.S. see S.M. Soond, 1217  
 Lau, K.-H.W. see J.H. Yang, 2503  
 Lau, T.S., Y. Li, M. Kameoka, T.B. Ng and D.C.C. Wan, Suppression of HIV replication using RNA interference against HIV-1 integrase, 3253  
 Laufer, J. see C. Böhmer, 5586  
 Laugier, E. see C. Vieira Dos Santos, 4371  
 Launholt, D., J.T. Grønlund, H.K. Nielsen and K.D. Grasser, Overlapping expression patterns among the genes encoding *Arabidopsis* chromosomal high mobility group (HMG) proteins, 1114  
 Laurent, K. see M. Aouadi, 5591  
 Laurent, M. see C. Wolf, 125  
 Lauro, C. see C. Limatola, 2641  
 Lax, S., T.Z. Hou, E. Jenkinson, M. Salmon, J.R. MacFadyen, C.M. Isacke, G. Anderson, A.F. Cunningham and C.D. Buckley, CD248/Endosialin is dynamically expressed on a subset of stromal cells during lymphoid tissue development, splenic remodeling and repair, 3550  
 Lázaro-Díéguez, F., C. Colonna, M. Cortegano, M. Calvo, S.E. Martínez and G. Egea, Variable actin dynamics requirement for the exit of different cargo from the *trans*-Golgi network, 3875  
 Lazo, P.S. see J. Riera, 3057  
 Le Bras, S., C. Moon, I. Foucault, J.-P. Breittmayer and M. Deckert, Abl-SH3 binding protein 2, 3BP2, interacts with CIN85 and HIP-55, 967  
 Le Clainche, C. see N. Ramarao, 853  
 Le Gall, O. see V. Nicaise, 1041  
 Le Marchand-Brustel, Y. see M. Aouadi, 5591  
 Le Moan, N. see M.B. Toledano, 3598  
 Le Moan, N. see M.B. Toledano, 4549  
 Le, K. see R. Li, 3311  
 Le, W. see C. Peng, 1357  
 Lea, S.M. see G.L. Orriss, 4091  
 Lebaudy, A., A.-A. Véry and H. Sentenac,  $K^+$  channel activity in plants: Genes, regulations and functions, 2357  
 Lebrun, M.-H. see A. Buzdin, 2877  
 Leckband, D. see A. Pierres, 1841  
 Lee-Fruman, K.K. see R. Rossi, 4058  
 Lee-Huang, S. see J. Bao, 2737  
 Lee, A.S. see M. Ni, 3641  
 Lee, B.H. see J.-M. Ha, 2663  
 Lee, B.J. see D.H. Choi, 1649  
 Lee, B.J. see M.-D. Seo, 65  
 Lee, C., S.A. Hwang, S.-H. Jang, H.-S. Chung, M.B. Bhat and S.S. Karnik, Manifold active-state conformations in GPCRs: Agonist-activated constitutively active mutant AT<sub>1</sub> receptor preferentially couples to Gq compared to the wild-type AT<sub>1</sub> receptor, 2517  
 Lee, C.-C., C.-J. Kuo, M.-F. Hsu, P.-H. Liang, J.-M. Fang, J.-J. Shie and A.H.-J. Wang, Structural basis of mercury- and zinc-conjugated complexes as SARS-CoV3C-like protease inhibitors, 5454  
 Lee, C.-E. see S.-y. Kim, 865  
 Lee, C.-K. see S.-S. Nah, 1928  
 Lee, C.-M. see I.D. Jung, 1449  
 Lee, C.-M. see J.S. Lee, 57  
 Lee, D.H. see S. Suzuki, 809  
 Lee, E.-S., C.-H. Yoon, Y.-S. Kim and Y.-S. Bae, The double-strand RNA-dependent protein kinase PKR plays a significant role in a sustained ER stress-induced apoptosis, 4325  
 Lee, H. see S. Lahiri, 5289  
 Lee, H. see H.-o. Lee, 5640  
 Lee, H. see S.N. Naryzhny, 4917  
 Lee, H.-J. see C.-P. Chen, 1891  
 Lee, H.-o., M. Cho, J.-H. Lee, H.-S. Kim, Y. Yun and H. Lee, SuPr-1-mediated desumoylation regulates the repressor activity of  $\Delta$ Np63 $\alpha$ , 5640  
 Lee, H.-S. see S.J. Myung, 2954  
 Lee, H.J. see N.S. Hwang, 4172  
 Lee, H.Y. see K.S. Park, 4411  
 Lee, I. see C. Park, 3800  
 Lee, J. see K. Choi, 4691  
 Lee, J.-E. see H.-H. Shin, 4355  
 Lee, J.-G., S.-H. Lee, D.-W. Park, Y.-S. Bae, S.-S. Yun, J.-R. Kim and S.-H. Baik, Phosphatidic acid as a regulator of matrix metalloproteinase-9 expression via the TNF- $\alpha$  signaling pathway, 787  
 Lee, J.-H. see S.J. Myung, 2954  
 Lee, J.-H. see H.-W. Kang, 5774  
 Lee, J.-H. see H.-o. Lee, 5640  
 Lee, J.M. see I.H. Cukier, 1661  
 Lee, J.S. see I.D. Jung, 1449  
 Lee, J.S., C.-M. Lee, Y.-I. Jeong, I.D. Jung, B.-H. Kim, E.-Y. Seong, J.-I. Kim, I.-W. Choi, H.Y. Chung and Y.-M. Park, d-pinitol regulates Th1/Th2 balance via suppressing Th2 immune response in ovalbumin-induced asthma, 57  
 Lee, K. see F.S. Senocak, 5865  
 Lee, K.H. see K.A. Kang, 2000  
 Lee, M.-C. see Y. Ogasawara, 2473  
 Lee, M.-H. see M. Choquer, 489  
 Lee, M.-Y. see S.-H. Jeon, 5929  
 Lee, M.S. see J. Kang, 2497  
 Lee, N.G., Y.K. Hong, S.Y. Yu, S.Y. Han, D. Geum and K.S. Cho, dXNP, a *Drosophila* homolog of XNP/ATR, induces apoptosis via Jun-N-terminal kinase activation, 2625  
 Lee, N.H. see K.A. Kang, 2000  
 Lee, R. see O. Rowland, 3538  
 Lee, S.-H. see S.J. Myung, 2954  
 Lee, S.-H. see J.-G. Lee, 787  
 Lee, S.-M. see S.J. Myung, 2954  
 Lee, S.-W. see S.-H. Hong, 5396

- Lee, S.J., S.S. Bae, K.H. Kim, W.S. Lee, B.Y. Rhim, K.W. Hong and C.D. Kim, High glucose enhances MMP-2 production in adventitial fibroblasts via Akt1-dependent NF- $\kappa$ B pathway, 4189
- Lee, S.M., H.S. Kim, H.J. Han, B.C. Moon, C.Y. Kim, J.F. Harper and W.S. Chung, Identification of a calmodulin-regulated autoinhibited  $\text{Ca}^{2+}$ -ATPase (ACA11) that is localized to vacuole membranes in *Arabidopsis*, 3943
- Lee, S.S. see E.H. Han, 749
- Lee, S.Y. see K.S. Park, 4411
- Lee, W. see K.M. Ko, 5445
- Lee, W.H. see D.H. Choi, 1649
- Lee, W.S. see S.J. Lee, 4189
- Lee, Y. see M.R. Mysliwiec, 2633
- Lee, Y. see S. Kim, 3869
- Lee, Y.-J. see S.-H. Hong, 5396
- Lee, Y.-S. see S.-H. Hong, 5396
- Lee, Y.F. see L.W.T. Cheung, 4668
- Lee, Y.H. see B.-H. Ahn, 5940
- Lee, Y.J. see Y.-S. Jung, 843
- Leech, A.P. see E.A. Rodikova, 1190
- Lees, M.J. see S.G.B. Furness, 3616
- Legaree, B.A. see C.W. Reid, 4988
- Legeai-Mallet, L. see C. Benoist-Lasselin, 2593
- Léger, C. see M.G. Almeida, 284
- Legrand, D. see E. Ellass, 1383
- Lehn, J.-M. see G. Sihm, 962
- Lehner, P.J. see S. Hoer, 45
- Leicht, S. see R. Grempler, 5885
- Lejon, S. see J.F. Cramer, 3178
- Lemar, K.M. see M.A. Aon, 8
- Lemin, A.J., K. Saleki, M. van Lith and A.M. Benham, Activation of the unfolded protein response and alternative splicing of ATF6 $\alpha$  in HLA-B27 positive lymphocytes, 1819
- Lemma-Gray, P., S.T. Weintraub, C.A. Carroll, A. Musatov and N.C. Robinson, Tryptophan 334 oxidation in bovine cytochrome *c* oxidase subunit I involves free radical migration, 437
- Lendzian, F. see N. Voevodskaya, 3351
- Lendzian, K.J. see J. Wünschmann, 1681
- Lenz, O., I. Zebger, J. Hamann, P. Hildebrandt and B. Friedrich, Carbamoylphosphate serves as the source of CN $^{-}$ , but not of the intrinsic CO in the active site of the regulatory [NiFe]-hydrogenase from *Ralstonia eutropha*, 3322
- Leo, G.D. see M.G. Mirisola, 2009
- León-Sicaire, C. see E. Solano-González, 2919
- Leonardi, R., Y.-M. Zhang, A. Lykidis, C.O. Rock and S. Jackowski, Localization and regulation of mouse pantothenate kinase 2, 4639
- Lesnefsky, E.J. see J. Kerner, 4491
- Lesur, O. see C.F. Fortin, 1173
- Letisse, F. see C. Nicolas, 3771
- Letzel, T. see J. Wünschmann, 1681
- Leung, F.P. see K.W. Leung, 2423
- Leung, G.C., C.S.W. Ho, I.M. Blasutig, J.M. Murphy and F. Sicheri, Determination of the Plk4/Sak consensus phosphorylation motif using peptide spots arrays, 77
- Leung, K.W., F.P. Leung, Y. Huang, N.K. Mak and R.N.S. Wong, Non-genomic effects of ginsenoside-Re in endothelial cells via glucocorticoid receptor, 2423
- Leung, S. see M. Cumming, 4139
- Levy, C. see N. Klopstock, 3986
- Levy, F.O. see J.H. Norum, 15
- Lewis, M.P. see K. Ates, 2727
- Lezoualc'h, F. see N. Zaldua, 5814
- Li-Ling, J. see S. Tan, 1081
- Li, C. see Y. Sun, 131
- Li, C.Y. see S.-R. Won, 4999
- Li, F. see Y. Sun, 131
- Li, F. see L. Zhang, 5543
- Li, J. see O. Li, 3533
- Li, J. see Q.T. Gao, 233
- Li, J. see M. Rahman, 4001
- Li, J. see Q.T. Gao, 5087
- Li, J. see X. Dong, 5796
- Li, J. see W. Jin, 3826
- Li, J. see X. Dong, 5796
- Li, J.-W. see T.-C. Chuang, 4443
- Li, M. see J. Huang, 697
- Li, M. see D. Ma, 1000
- Li, M.-Y. see Y. Sun, 131
- Li, N. see Y. Zhao, 1951
- Li, O., J. Li and P. Dröge, DNA architectural factor and proto-oncogene HMG2A2 regulates key developmental genes in pluripotent human embryonic stem cells, 3533
- Li, Q. see S. Tan, 1081
- Li, Q. see H. Zou, 196
- Li, R. see H. Gao, 581
- Li, R., W. Zheng, R. Pi, J. Gao, H. Zhang, P. Wang, K. Le and P. Liu, Activation of peroxisome proliferator-activated receptor- $\alpha$  prevents glycogen synthase 3 $\beta$  phosphorylation and inhibits cardiac hypertrophy, 3311
- Li, S. see Y. Sheng, 1763
- Li, W. see W. Jin, 3826
- Li, X. see E. de Leeuw, 515
- Li, X. see C. Peng, 1357
- Li, X.-L., S. Španíková, R.P. de Vries and P. Biely, Identification of genes encoding microbial glucuronoyl esterases, 4029
- Li, Y. see H. Liu, 2534
- Li, Y. see T.S. Lau, 3253
- Li, Y. see B. Sun, 3277
- Li, Y. see F. Zhou, 34
- Li, Y. see I.H. Cukier, 1661
- Li, Y., H.D. Schmitt, D. Gallwitz and R.-W. Peng, Mutations of the SM protein Sly1 resulting in bypass of GTPase requirement in vesicular transport are confined to a short helical region, 5698
- Liang, J.J.-N. see B.-F. Liu, 3936
- Liang, K. see D. Shen, 1793
- Liang, P.-H. see C.-C. Lee, 5454
- Liang, Y.-Z. see Y. Yu, 4179
- Liao, M.Q., Y.J. Tzeng, L.Y.X. Chang, H.B. Huang, T.H. Lin, C.L. Chyan and Y.C. Chen, The correlation between neurotoxicity, aggregative ability and secondary structure studied by sequence truncated A $\beta$  peptides, 1161
- Liao, X.-M. see Q.-G. Ren, 1521
- Lightfoot, K. see M. Mullin, 4309
- Lillicrop, K.A. see T.J. Underwood, 5831
- Lim, H.-Y. see J.H. Kim, 623
- Limansky, A.S. see M.A. Mussi, 5573
- Limatola, C., V. Massa, C. Lauro, M. Catalano, A. Giovanetti, S. Nuccitelli and A. Spinedi, Evidence for a role of glycosphingolipids in CXCR4-dependent cell migration, 2641
- Lin, A. see W.-C. Wu, 651
- Lin, C.-S. see C.-H. Pan, 526
- Lin, C.-T. see T.-C. Chuang, 4443
- Lin, J.-K. see C.-T. Chiang, 5735
- Lin, J.-L. see C.-H. Pan, 526
- Lin, R.-J. see C.-J. Huang, 223
- Lin, S.-C. see H. Zou, 196
- Lin, T.H. see M.Q. Liao, 1161
- Lin, Y. see B. Wan, 1179
- Lin, Y., Y.J. Tang, H.L. Zong, J.X. Gu, W.W. Deng, C. Wang and B. Sun, Cyclin G associated kinase interacts with interleukin 12 receptor  $\beta$ 2 and suppresses interleukin 12 induced IFN- $\gamma$  production, 5151
- Lincoln II, D.W. see S. Murugesan, 1157
- Lindenstrauss, U. see J. Behrendt, 4085
- Linder, M.B. see G.R. Szilvay, 2721
- Lindley, N.D. see C. Nicolas, 3771
- Lindner, R. see C. Böhmer, 5586
- Lindorff-Larsen, K. see K. Modig, 4965
- Linhardt and R.J. see S. Murugesan, 1157
- Link, C.D. see W.J. Kapulkin, 5952
- Linne, U., A. Schäfer, M.T. Stubbs and M.A. Marahiel, Aminoacyl-coenzyme A synthesis catalyzed by adenylation domains, 905
- Lippert, U., D.M. Ferrari and R. Jahn, Endobrevin/VAMP8 mediates exocytotic release of hexoaminidase from rat basophilic leukaemia cells, 3479
- Liu, B.-F. and J.J.-N. Liang, Protein-protein interactions among human lens acidic and basic  $\beta$ -crystallins, 3936
- Liu, B.R. see C.-P. Chen, 1891
- Liu, D., L. Ge, F. Wang, H. Takahashi, D. Wang, Z. Guo, S.H. Yoshimura, T. Ward, X. Ding, K. Takeyasu and X. Yao, Single-molecule detection of phosphorylation-induced plasticity changes during ezrin activation, 3563
- Liu, G.-P. see Q.-G. Ren, 1521
- Liu, H., C. Wei, Y. Zhong and Y. Li, *Rice black-streaked dwarf virus* minor core protein P8 is a nuclear dimeric protein and represses transcription in tobacco protoplasts, 2534
- Liu, H.-W. see W.-C. Wu, 651
- Liu, J., Y. Yoshida and U. Yamashita, Suppressive effect of reactive oxygen species on CD40-induced B cell activation, 5043



Liu, J.-Y. see T.-C. Chuang, 4443  
 Liu, L. see X. Zeng, 2509  
 Liu, P., A.M. Scharenberg, D.A. Cantrell and S.A. Matthews, Protein kinase D enzymes are dispensable for proliferation, survival and antigen receptor-regulated NF $\kappa$ B activity in vertebrate B-cells, 1377  
 Liu, P. see R. Li, 3311  
 Liu, W. see J. Huang, 697  
 Liu, W.-F., A. Zhang, Y. Cheng, H.-M. Zhou and Y.-B. Yan, Effect of magnesium ions on the thermal stability of human poly(A)-specific ribonuclease, 1047  
 Liu, W.-Q. see T.-J. Zhao, 3044  
 Liu, X., D. Yin, Y. Zhang, J. Zhao, S. Zhang and J. Miao, Vascular endothelial cell senescence mediated by integrin  $\beta$ 4 in vitro, 5337  
 Liu, Y. see T.-J. Zhao, 3044  
 Liu, Y. see B. Sun, 3277  
 Liu, Y. and D.M. Templeton, Cadmium activates CaMK-II and initiates CaMK-II-dependent apoptosis in mesangial cells, 1481  
 Liu, Y. see Y. Ni, 707  
 Liu, Y., X. Ding, D. Wang, H. Deng, M. Feng, M. Wang, X. Yu, K. Jiang, T. Ward, F. Aikhionbare, Z. Guo, J.G. Forte and X. Yao, A mechanism of Munc18b-syntaxin 3-SANP25 complex assembly in regulated epithelial secretion, 4318  
 Liu, Y. see H.K. Roy, 3857  
 Liu, Z.-M., G.G. Chen, C.K.Y. Shum, A.C. Vlantis, M. George Cheria, J. Koropatnick and C. Andrew van Hasselt, Induction of functional MT1 and MT2 isoforms by calcium in anaplastic thyroid carcinoma cells, 2465  
 Ljubkovic, M., Y. Shi, Q. Cheng, Z. Bosnjak and M.T. Jiang, Cardiac mitochondrial ATP-sensitive potassium channel is activated by nitric oxide in vitro, 4255  
 Llovera, M. see J. Zhang, 5781  
 Lloyd, D. see M.A. Aon, 8  
 Lobjois, V. see C. Esmenjaud-Mailhat, 3979  
 Lobo, S.A.L., A.M.P. Melo, J.N. Carita, M. Teixeira and L.M. Saraiya, The anaerobe *Desulfovibrio desulfuricans* ATCC 27774 grows at nearly atmospheric oxygen levels, 433  
 Locher, K.P. see R.J.P. Dawson, 935  
 Locovei, S., E. Scemes, F. Qiu, D.C. Spray and G. Dahl, Pannexin1 is part of the pore forming unit of the P2X<sub>7</sub> receptor death complex, 483  
 Locovei, S. see L. Bao, 5703  
 Locy, R.D. see Y. Sang, 344  
 Lolkema, M.P., D.A. Mans, C.M. Snijckers, M. van Noort, M. van Beest, E.E. Voest and R.H. Giles, The von Hippel-Lindau tumour suppressor interacts with microtubules through kinesin-2, 4571  
 Lombardi, A., A. Lanni, P. de Lange, E. Silvestri, P. Grasso, R. Senese, F. Goglia and M. Moreno, Acute administration of 3,5-diiodo-L-thyronine to hypothyroid rats affects bioenergetic parameters in rat skeletal muscle mitochondria, 5911  
 Lomize, A. see A.C. Rufer, 3247  
 Lomonte, P. and E. Morency, Centromeric protein CENP-B proteasomal degradation induced by the viral protein ICP0, 658  
 Longman, D. see P. Fortes, 3087  
 Lönnroth, I. see C.-F. Flach, 3183  
 Looger, L.L. see H. Gu, 579  
 López-Cortés, N., D. Reyes-Duarte, A. Beloqui, J. Polaina, I. Ghazi, O.V. Golyshina, A. Ballesteros, P.N. Golyshin and M. Ferrer, Catalytic role of conserved HQGE motif in the CE6 carbohydrate esterase family, 4657  
 López-Solís, R. see M. Galindo, 2022  
 López, L.C. see M.L. Valentino, 3410  
 Lorenz, J. see K. Rother, 1166  
 Lorenzo, C. De, C. Di Malta, G. Cali, F. Troise, L. Nitsch and G. D'Alessio, Intracellular route and mechanism of action of ERB-hRNase, a human anti-ErbB2 anticancer immunoagent, 296  
 Lorger, M. see J. Keyser, 5349  
 Loros, J.J. see A. Diernfellner, 5759  
 Losa, A. see V. Vazzola, 667  
 Lowther, J. see S. Kanaji, 4260  
 Lozynska, O. see U. Basu, 4153  
 Lu, H. see N. Bhardwaj, 1058  
 Lu, Q. see R. Tatum, 3887  
 Lu, W. see E. de Leeuw, 515  
 Lu, Y. see K.-M. Chen, 4761  
 Lucas, C. see C. Ferreira, 1923  
 Luciani, A.M. see S. Grande, 637  
 Luck, K. see J.C. D'Auria, 872  
 Ludewig, U., B. Neuhäuser and M. Dynowski, Molecular mechanisms of ammonium transport and accumulation in plants, 2301  
 Lueken, A. see T. Engel, 1673

Lugert, R. see L. Bailey, 587  
 Lugli, E. see E. Roat, 521  
 Lühning, H., V.D. Nguyen, L. Schmidt and U.S.R. Röse, Caterpillar regurgitant induces pore formation in plant membranes, 5361  
 Lui, J.C.-K. and S.-K. Kong, Heat shock protein 70 inhibits the nuclear import of apoptosis-inducing factor to avoid DNA fragmentation in TF-1 cells during erythropoiesis, 109  
 Lundberg, P. see E. Bárány-Wallje, 2389  
 Lundin, C., S. Johansson, A.E. Johnson, J. Näslund, G. von Heijne and I. Nilsson, Stable insertion of Alzheimer A $\beta$  peptide into the ER membrane strongly correlates with its length, 3809  
 Lundin, C., L. Käll, S.A. Kreher, K. Kapp, E.L. Sonnhämmer, J.R. Carlson, G. von Heijne and I. Nilsson, Membrane topology of the *Drosophila* OR83b odorant receptor, 5601  
 Luo, C. see Y.-X. Wang, 558  
 Luo, H. see A.L. Hunter, 879  
 Luo, L. see C.-S. Tham, 2899  
 Luo, Y. see Q. Han, 3027  
 Luque, F. see R. Valderrama, 453  
 Luque, I. see J.M. Martin-García, 1701  
 Lurin, C. see V. Salane, 4132  
 Lurz, R. see T. Zemojtel, 2072  
 Lv, Q. see D. Gu, 382  
 Lykidis, A. see R. Leonardi, 4639  
 Lynch, S. see A.N. Antoniou, 1988  
 Lynn Sherrer, R. see S. Namgoong, 309  
 Lyssand, J.S. and S.M. Bajjalieh, The heretotrimeric G protein subunit G $\alpha$ i is present on mitochondria, 5765  
 Lyzak, J. see M.L. Valentino, 3410  
 Lyzogubov, V.V. see P.S. Bora, 1977

## M

Ma, B.-G. see Y. Zhou, 4361  
 Ma, D., T. Nakata, G. Zhang, T. Hoshi, M. Li and S. Shikano, Differential trafficking of carboxyl isoforms of Ca<sup>2+</sup>-gated (Slol) potassium channels, 1000  
 Ma, F. see S. Tan, 1081  
 Ma, J. see D. Gu, 382  
 Ma, Z., B. Jhun and C.K. Oh, Upstream stimulating factor-1 mediates the E-box-dependent transcriptional repression of the plasminogen activator inhibitor-1 gene in human mast cells, 4485  
 Ma, Z.-M. see Y.-X. Wang, 558  
 Maass, K. see A. Franz, 401  
 Macagno, E.R. see L. Bao, 5703  
 Macario, A.J.L. and E. Conway de Macario, Chaperonopathies and chaperonotherapy, 3681  
 MacDonald, G. see M.L. Graves, 1825  
 Maceyka, M. see P. Mitra, 735  
 MacFadyen, J.R. see S. Lax, 3550  
 MacGregor, E.A. see Š. Janeček, 1261  
 Mach, R.L. see A.R. Stricker, 3915  
 Maciaszczyk, E. see M. Zarzycki, 1347  
 Maciver, S.K. see C. Roustan, 681  
 MacKenzie, S. see C.A. Cooper, 2599  
 Mackie, A.R. see R. Wijesinha-Bettoni, 4557  
 Macquin, C. see V. Rolli, 394  
 Madsen, P. see A. Hauburger, 4159  
 Maeda, N. see H. Oku, 5029  
 Maeda, T. see Y. Morita, 3579  
 Maeda, T. see Y. Morita, 1417  
 Maeda, Y. see M. Kai, 3345  
 Maegawa, H. see T. Takemoto, 218  
 Maekawa, T. see A.M. San Gabriel, 1119  
 Maekawa, T. see N. Hiraga, 1983  
 Maeno, Y. see T. Takemoto, 218  
 Maes, E. see E. Ellass, 1383  
 Maes, L. see E. De Buck, 259  
 Maeshima, K. see T. Funakoshi, 4910  
 Maestro, B. and J.M. Sanz, Extensive unfolding of the C-LytA choline-binding module by submicellar concentrations of sodium dodecyl sulphate, 375  
 Magnet, S. see C. Eckert, 693

- Mahimainathan, L. see F. Das, 5259  
 Maier, U.G. see M. Oreb, 5945  
 Maigret, B. see N. Floquet, 2981  
 Maischak, H., P.A. Grigoriev, H. Vogel, W. Boland and A. Mithöfer, Oral secretions from herbivorous lepidopteran larvae exhibit ion channel-forming activities, 898  
 Majello, B. see S. Amente, 821  
 Mak, N.K. see K.W. Leung, 2423  
 Makarev, E., M.K. Call, M.W. Grogg, D.L. Atkinson, B. Milash, S.J. Odelberg and P.A. Tsonis, Gene expression signatures in the newt irises during lens regeneration, 1865  
 Makino, M. see M. Kai, 3345  
 Makise, M. see S. Mima, 1457  
 Malagon, M.M. see D. Cruz-Garcia, 3149  
 Mallik, S. see B. Ganguly, 5723  
 Maloberti, P. see A. Duarte, 4023  
 Malorni, W. see T. Garofalo, 3899  
 Malorni, W. see E. Straface, 4342  
 Malorni, W. see S. Basciani, 5897  
 Malta, C. Di see C. De Lorenzo, 296  
 Mambula, S.S. see S.K. Calderwood, 3689  
 Mamedov, T.G. see E.R. Moellering, 4871  
 Mameoka, M. see H. Furochi, 5743  
 Mandl, J. see M. Csala, 1693  
 Mandl, J. see G. Bánhegyi, 3634  
 Manes, J.L. see M.L. Valentino, 3410  
 Manganelli, V. see T. Garofalo, 3899  
 Mani-Telang, P., M. Sutrias-Grau, G. Williams and D.N. Arnosti, Role of NAD binding and catalytic residues in the C-terminal binding protein corepressor, 5241  
 Mann, D. see A. Ishii, 4711  
 Manna, C. see G. Cacciapuoti, 4567  
 Manoe, R. see S. Zeerleder, 5382  
 Mans, D.A. see M.P. Lolkema, 4571  
 Maple, J. and S.G. Möller, Plastid division coordination across a double-membraned structure, 2162  
 Marahiel, M.A. see U. Linne, 905  
 Marchenkov, V.V. see E.A. Rodikova, 1190  
 Marchesini, S. see A. Fanzani, 5099  
 Marcinkowska, E. see E. Gocek, 1751  
 Marcote, M.J. see D. Ortiz-Masia, 1834  
 Maréchal-Drouard, L. see J. Hammargren, 3507  
 Marek, C.J., S.J. Tucker, M. Koruth, K. Wallace and M.C. Wright, Expression of CYP2S1 in human hepatic stellate cells, 781  
 Margittai, É. see M. Csala, 1693  
 Mariani, S. see S. Basciani, 5897  
 Mariotti, M. see E. Roat, 521  
 Markgraf, D.F., K. Peplowska and C. Ungermann, Rab cascades and tethering factors in the endomembrane system, 2125  
 Markossian, K. see N. Golub, 4223  
 Marlovits, T.C. see H. Feldmann, 2749  
 Marmé, N. see A. Friedrich, 1644  
 Marmiroli, N. see M. Gulli, 4841  
 Marra, E. see R.A. Vacca, 917  
 Marsh, D.J. see M.A. Hahn, 5070  
 Martasek, P. see T. Zemojtel, 2072  
 Martemyanova, N. see K.-M. Chen, 4761  
 Marti-Renom, M.A. see W.A. Stanley, 4795  
 Martí, R. see M.L. Valentino, 3410  
 Martín-García, J.M., I. Luque, P.L. Mateo, J. Ruiz-Sanz and A. Cámara-Artigas, Crystallographic structure of the SH3 domain of the human c-Yes tyrosine kinase: Loop flexibility and amyloid aggregation, 1701  
 Martin, A. see M. Damian, 1944  
 Martin, I. see S. Ghosh, 4523  
 Martin, M.N. see A. Grzam, 3131  
 Martin, O.C. see C. Wolfrom, 125  
 Martin, R.P. see I. Brandina, 4248  
 Martin, W. see S. Tucci, 1561  
 Martínek, V., U. Bren, M.F. Goodman, A. Warshel and J. Florián, DNA polymerase  $\beta$  catalytic efficiency mirrors the Asn279-dCTP H-bonding strength, 775  
 Martínez-Antonio, A. see H. Salgado, 3499  
 Martínez-Costa, O.H., C. Sánchez-Martínez, V. Sánchez and J.J. Aragón, Chimeric phosphofructokinases involving exchange of the N- and C-terminal halves of mammalian isozymes: Implications for ligand binding sites, 3033  
 Martínez-Espinosa, R.M. see J. Esclapez, 837  
 Martínez, S.E. see F. Lázaro-Díéguez, 3875  
 Martínez, J.C. see A.M. Candel, 687  
 Martínez, M., M. Diaz-Mendoza, L. Carrillo and I. Diaz, Carboxy terminal extended phytocystatins are bifunctional inhibitors of papain and legumain cysteine proteinases, 2914  
 Martinkova, M., J. Igarashi and T. Shimizu, Eukaryotic initiation factor 2 $\alpha$  kinase is a nitric oxide-responsive mercury sensor enzyme: Potent inhibition of catalysis by the mercury cation and reversal by nitric oxide, 4109  
 Martino, P.L. see F. Francia, 611  
 Martins, E.R. see D.M. Portilho, 5787  
 Marty, F. see H. Nziengui, 3356  
 Marusich, M.F. see J. Xie, 3545  
 Maruyama, T. see M. Takita, 565  
 Marvaud, J.C. see M. Gibert, 1287  
 Masad, A., L. Hayes, B.J. Tabner, S. Turnbull, L.J. Cooper, N.J. Fullwood, M.J. German, F. Kametani, O.M.A. El-Agnaf and D. Allsop, Copper-mediated formation of hydrogen peroxide from the amylin peptide: A novel mechanism for degeneration of islet cells in type-2 diabetes mellitus?, 3489  
 Masada, S., Y. Kawase, M. Nagatoshi, Y. Oguchi, K. Terasaka and H. Mizukami, An efficient chemoenzymatic production of small molecule glucosides with in situ UDP-glucose recycling, 2562  
 Masada, S., K. Terasaka and H. Mizukami, A single amino acid in the PSPG-box plays an important role in the catalytic function of CaUGT2 (Curcumin glucosyltransferase), a Group D Family 1 glucosyltransferase from *Catharanthus roseus*, 2605  
 Masaki, H. see S. Takashima, 5891  
 Masaki, T. see H. Iwama, 1805  
 Mäser, P. see M. Gierth, 2348  
 Masquelier, D. see M. Frison, 4010  
 Massa, V. see C. Limatola, 2641  
 Masscheleyn, S. see S. Rousset, 479  
 Massot, V. see C. Vieira Dos Santos, 4371  
 Massou, S. see C. Nicolas, 3771  
 Masuda, D. see H. Oku, 5029  
 Masuda, T. see M. Washiyama, 5207  
 Masuzaki, H. see T. Ishii, 349  
 Matarrese, P. see S. Basciani, 5897  
 Matarrese, P. see T. Garofalo, 3899  
 Matarrese, P. see E. Straface, 4342  
 Mateo, P.L. see J.M. Martín-García, 1701  
 Mathé, J. see M. Pastoriza-Gallego, 3371  
 Mathews, S.A. see W.M. Huston, 3382  
 Matoušek, J. see D.M. Monti, 930  
 Matsui, K. see F. Hosseinpour, 4937  
 Matsui, M., N. Yachie, Y. Okada, R. Saito and M. Tomita, Bioinformatic analysis of post-transcriptional regulation by uORF in human and mouse, 4184  
 Matsukawa, K. see Y. Onda, 5852  
 Matsumoto, K., T. Toyooka, C. Tomikawa, A. Ochi, Y. Takano, N. Takayanagi, Y. Endo and H. Hori, RNA recognition mechanism of eukaryote tRNA (m<sup>7</sup>G46) methyltransferase (Trm8–Trm82 complex), 1599  
 Matsumoto, K. see W.-C. HuangFu, 5549  
 Matsumoto, M. see T. Akazawa, 3334  
 Matsumura, H. see C. Angkawidjaja, 5060  
 Matsumura, Y., H. Sakai, M. Sakai, N. Ban and N. Inagaki, ABCA3-mediated choline-phospholipids uptake into intracellular vesicles in A549 cells, 3139  
 Matsunaga, S. see H. Takata, 3783  
 Matsunaga, T. see T. Suzuki, 3443  
 Matsuo, A. see K.-i. Hayashi, 2748  
 Matsuo, H. see K.-M. Chen, 4761  
 Matsuo, T. see S. Kato, 4685  
 Matsushima-Nishiwaki, R. see H. Tokuda, 1311  
 Matsushita, A. see S. Arai, 5649  
 Matsuura, F. see H. Oku, 5029  
 Matsuzaki-Kobayashi, M. see T. Hasegawa, 406  
 Matsuzaki, Y. see T. Hitomi, 1087  
 Mattaj, I.W. see P. Fortes, 3087  
 Mattaj, I.W. see M. Gorjánác, 2794  
 Matthews, S.A. see P. Liu, 1377  
 Matthews, S.A. see C. David Wood, 3494  
 Mattingly, R.R. see J.H. Norum, 15  
 Matton, D.P. see H. Germain, 5137  
 Maurel, C., Plant aquaporins: Novel functions and regulation properties, 2227  
 Mavromara, P. see P. Tsitoura, 4049  
 Maya-Monteiro, C.M. see J.B.R. Corrêa Soares, 1742  
 Mayhew, S.G. see M. Broco, 4397  
 Mayol, J.-F. see D. Adamski, 3076

- Mayol, J.-F. see N. Platet, 1435  
 Mayorov, S.G. see E.A. Rodikova, 1190  
 Mazurier, J. see E. Ellass, 1383  
 Mazzoni, C., I. D'Addario and C. Falcone, The C-terminus of the yeast Lsm4p is required for the association to P-bodies, 4836  
 McCallum, J. see M. Cumming, 4139  
 McCracken, S. see P. Fortes, 3087  
 McCulloch, C.A. see T.Y. El Sayegh, 167  
 McDowell, M. see R. Rossi, 4058  
 McEwan, A.G. see A.C. Badrick, 4663  
 Mchaourab, H.S., M.S. Kumar and H.A. Koteiche, Specificity of  $\alpha$ A-crystallin binding to destabilized mutants of  $\beta$ B1-crystallin, 1939  
 Mchaourab, H.S. see H.A. Koteiche, 1933  
 McKerrow, J.H. see S. Kanaji, 4260  
 McLaughlin, P.D., B.G. Bobay, E.J. Regel, R.J. Thompson, J.A. Hoch and J. Cavanagh, Predominantly buried residues in the response regulator Spo0F influence specific sensor kinase recognition, 1425  
 McMahon, A., S.N. Jackson, A.S. Woods and W. Kedzierski, A Star-gardt disease-3 mutation in the mouse Elov14 gene causes retinal deficiency of C32-C36 acyl phosphatidylcholines, 5459  
 McManus, M.T. see M. Cumming, 4139  
 McMillan, J.R. see H. Qiao, 535  
 Mead, L.E. see C.A. Opitz, 4927  
 Mecha Disassa, N. see S. Chlench, 673  
 Mechtcheriakova, D., A. Wlachos, J. Sobanov, F. Bornancin, G. Zlabinger, T. Baumruker and A. Billich, FTY720-phosphate is dephosphorylated by lipid phosphate phosphatase 3, 3063  
 Medcalf, L. see E.L. Poole, 5300  
 Medrikova, D. see P. Flachs, 1093  
 Medzihradsky, K.F. see B. Varga, 4783  
 Melcher, A. see S.E. Perry, 1137  
 Meldolesi, J. see I. Prada, 4932  
 Melia Jr., T.J., Putting the clamps on membrane fusion: How complex in sets the stage for calcium-mediated exocytosis, 2131  
 Melino, G. see S.M. Soond, 1217  
 Mellor, I.R. see P.N.R. Usherwood, 5485  
 Melnik, B.S. see E.A. Rodikova, 1190  
 Melo, A.M.P. see S.A.L. Lobo, 433  
 Melo, J.V. see G.M.O. Möller, 1329  
 Menez, A. see A. Perier, 5480  
 Menezes, D. see J.B.R. Corrêa Soares, 1742  
 Mennes, N., J.P. Klare, I. Chizhov, R. Seidel, R. Schlesinger and M. Engelhard, Expression of the halobacterial transducer protein HtrII from *Natronomonas pharaonis* in *Escherichia coli*, 1487  
 Merafina, R.S. see R.A. Vacca, 917  
 Merchant, J.L. see L. Bai, 5904  
 Mercier, R.W. see K. Bakshi, 5009  
 Meremyanin, A. see N. Golub, 4223  
 Meri, S. see P. Ramu, 1716  
 Mermelstein, C.S. see D.M. Portilho, 5787  
 Merret, R., J.-R. Cirioni, T.J. Bach and A. Hemmerlin, A serine involved in actin-dependent subcellular localization of a stress-induced tobacco BY-2 hydroxymethylglutaryl-CoA reductase isoform, 5295  
 Mertens, H.D.T. see A. Koay, 5055  
 Mesicek, J. see S. Lahiri, 5289  
 Mesnage, S. see C. Eckert, 693  
 Messer, B. see M. Roca, 2065  
 Meteleev, V. see C. Laguillier, 1143  
 Metz, T. see O. Rath, 2549  
 Meyen, E. see E. De Buck, 259  
 Meyer, A.J. see A. Grzam, 3131  
 Meyer, L. see J. Wünschmann, 1681  
 Mhaideat, N.M. see R.F. Thorne, 1227  
 Miao, J. see X. Liu, 5337  
 Michael, N. see J. Durgan, 3377  
 Michael, N. see S. Seibeck, 5425  
 Michaelis, M. see H. Ogbomo, 1317  
 Michiue, T. see T. Chan, 2691  
 Micossi, L.G. see E. Balducci, 4199  
 Miersch, O. see A. Guranowski, 815  
 Miguel-Aliaga, I. see T.J. Sheldon, 5268  
 Mihalache, O. see S. Nickell, 2751  
 Mikhaylova, L.M. see A.M. Boutanaev, 1707  
 Miki, T. see N. Yamaji, 3789  
 Mikkat, S. see D. Hasse, 1297  
 Mikula, I. see T. Zemojtel, 2072  
 Mikula, M. see K. Aigner, 1617  
 Mikulits, W. see K. Aigner, 1617  
 Mikuni, S., M. Tamura and M. Kinjo, Analysis of intranuclear binding process of glucocorticoid receptor using fluorescence correlation spectroscopy, 389  
 Milash, B. see E. Makarev, 1865  
 Milkowski, C. see F. Stehle, 164  
 Miller, M. see M. Mullin, 4309  
 Miller, W.T. see B.P. Craddock, 3235  
 Millhauser, G.L. see B. Yu, 5561  
 Mills, E.N.C. see R. Wijesinha-Bettoni, 4557  
 Milstien, S. see P. Mitra, 735  
 Mima, S., H. Ushijima, H.-J. Hwang, S. Tsutsumi, M. Makise, Y. Yamaguchi, T. Tsuchiya, H. Mizushima and T. Mizushima, Identification of the *TPO1* gene in yeast, and its human orthologue TETRA, which cause resistance to NSAIDs, 1457  
 Min, D.S. see M.-K. Kim, 1917  
 Min, D.S. see B.-H. Ahn, 5940  
 Ming, M. see C. Peng, 1357  
 Mingyong, X. see Z. Changwei, 2670  
 Minkler, P.E. see J. Kerner, 4491  
 Minoguchi, S. see T. Haraguchi, 4949  
 Mirande, M. see M. Kaminska, 3105  
 Mirisola, M.G., A. Gallo and G.D. Leo, Ras-pathway has a dual role in yeast galactose metabolism, 2009  
 Misasi, R. see T. Garofalo, 3899  
 Mishima, K. see M.K. Kaneko, 331  
 Mishra, M.K. see J. Karar, 4577  
 Mithöfer, A. see H. Maischak, 898  
 Mitra, P., M. Maceyka, S.G. Payne, N. Lamour, S. Milstien, C.E. Chalfant and S. Spiegel, Ceramide kinase regulates growth and survival of A549 human lung adenocarcinoma cells, 735  
 Mitro, N., L. Vargas, R. Romeo, A. Koder and E. Saez, T0901317 is a potent PXR ligand: Implications for the biology ascribed to LXR, 1721  
 Mitsui, K. see Q. Sun, 3991  
 Miura, D., Y. Kida and H. Nojima, Camellia oil and its distillate fractions effectively inhibit the spontaneous metastasis of mouse melanoma BL6 cells, 2541  
 Miura, S. see Y. Kamei, 91  
 Miwa, S. see T. Nishiya, 3223  
 Miyagi, T. see T. Hasegawa, 406  
 Miyano, K. see M. Tamura, 4533  
 Miyasaka, M. see T. Yotsui, 427  
 Miyata, S. see H. Okuda, 4754  
 Miyata, T. see D. Hoshiyama, 1639  
 Miyaura, C. see M. Takita, 565  
 Miyazaki, I., M. Asanuma, H. Hozumi, K. Miyoshi and N. Sogawa, Protective effects of metallothionein against dopaminequinone-induced dopaminergic neurotoxicity, 5003  
 Miyazono, A., A. Yamada, N. Morimura, M. Takami, D. Suzuki, M. Kobayashi, K.-i. Tezuka, M. Yamamoto and R. Kamijo, TGF- $\beta$  suppresses POEM expression through ERK1/2 and JNK in osteoblasts, 5321  
 Miyoshi, H. see S.-I. Inoue, 1910  
 Miyoshi, K. see I. Miyazaki, 5003  
 Mizoguchi, I. see M. Okayama, 4583  
 Mizukami, H. see S. Masada, 2562  
 Mizukami, H. see S. Masada, 2605  
 Mizushima, H. see S. Mima, 1457  
 Mizushima, T. see S. Mima, 1457  
 Mizutani, T. see T. Haraguchi, 4949  
 Modig, K., V.W. Jürgensen, K. Lindorff-Larsen, W. Fieber, H.G. Bohr and F.M. Poulsen, Detection of initiation sites in protein folding of the four helix bundle ACBP by chemical shift analysis, 4965  
 Moe, S.E. see J.G. Sørbo, 4884  
 Moellering, E.R., Y. Ouyang, T.G. Mamedov and R. Chollet, The two divergent PEP-carboxylase catalytic subunits in the green microalga *Chlamydomonas reinhardtii* respond reversibly to inorganic-N supply and co-exist in the high-molecular-mass, hetero-oligomeric Class-2 PEPC complex, 4871  
 Moelling, K. see J. Keyser, 5349  
 Moelling, K. see A. Weiss, 5131  
 Moenner, M. see C. Petitbois, 5469  
 Mohamed, T.M.A. see M. Holton, 4115  
 Mohler, W. see E.H. Chen, 2181  
 Mohri, S. see T. Takenouchi, 3019  
 Mohri, Y. see S. Kato, 4685  
 Mokdad, A., M. Nissen, J.D. Satterlee and R.W. Larsen, Evidence for fast conformational change upon ligand dissociation in the HemAT class of bacterial oxygen sensors, 4512  
 Molinari, M. see S. Olivari, 3658

- Møller, G.M.O., V. Frost, J.V. Melo and A. Chantry, Upregulation of the TGF $\beta$  signalling pathway by Bcr-Abl: Implications for haemopoietic cell growth and chronic myeloid leukaemia, 1329
- Møller, S.G. see J. Maple, 2162
- Molotsky, T. see N. Borovok, 5843
- Moniot, S. see S. Ahn, 3455
- Monreal, J.A., A.B. Feria, J.M. Vinardell, J. Vidal, C. Echevarria and S. García-Mauriño, ABA modulates the degradation of phosphoenolpyruvate carboxylase kinase in sorghum leaves, 3468
- Monsan, P. see S. Suwannarangsee, 4675
- Monsarrat, B. see C. Esmenjaud-Mailhat, 3979
- Montecucco, A. see R. Rossi, 4058
- Montero, M. see G. Eydallin, 2947
- Montero, M. see G. Eydallin, 4417
- Montesano Gesualdi, N. see D.M. Monti, 930
- Monti, D.M., N. Montesano Gesualdi, J. Matoušek, F. Esposito and G. D'Alessio, The cytosolic ribonuclease inhibitor contributes to intracellular redox homeostasis, 930
- Moon, B.C. see S.M. Lee, 3943
- Moon, C. see S. Le Bras, 967
- Moon, H.-B. see S.-S. Nah, 1928
- Moon, H.-J. see H.-W. Kang, 5774
- Moon, K.-H., M.A. Abdelmegeed and B.-J. Song, Inactivation of cytosolic aldehyde dehydrogenase via S-nitrosylation in ethanol-exposed rat liver, 3967
- Moore, R. see F. Hosseinpour, 4937
- Mooseker, M.S. see M. Krendel, 644
- Morán-Zorzano, M.T. see G. Eydallin, 2947
- Morán-Zorzano, M.T., A.M. Viale, F.J. Muñoz, N. Alonso-Casajús, G.G. Eydallin, B. Zugasti, E. Baroja-Fernández and J. Pozueta-Romero, *Escherichia coli* AspP activity is enhanced by macromolecular crowding and by both glucose-1,6-bisphosphate and nucleotide sugars, 1035
- Morán-Zorzano, M.T. see G. Eydallin, 4417
- Morán-Zorzano, M.T., N. Alonso-Casajús, F.J. Muñoz, A.M. Viale, E. Baroja-Fernández, G. Eydallin and J. Pozueta-Romero, Occurrence of more than one important source of ADP-glucose linked to glycogen biosynthesis in *Escherichia coli* and *Salmonella*, 4423
- Moran, N., Osmoregulation of leaf motor cells, 2337
- Morandi, L. see A. Bordoni, 923
- Morency, E. see P. Lomonte, 658
- Moreno, M. see A. Lombardi, 5911
- Mori, H. see N. Ishii, 413
- Mori, H. see T. Igarashi, 2416
- Mori, H. see S. Takeda, 5859
- Mori, Y. see H. Okuda, 4754
- Mori, Y. see N. Yamaji, 3789
- Morii, T. see T. Konno, 1635
- Morikawa, S. see K. Takata, 475
- Morimoto, A. see H. Takata, 3783
- Morimoto, S. see F. Taura, 2929
- Morimura, N. see A. Miyazono, 5321
- Morioka, M. see Y. Uno, 97
- Morita, M. see K. Takata, 475
- Morita, N. see T. Nishida, 4212
- Morita, T. see T. Yoshio, 3777
- Morita, Y., H. Araki, T. Sugimoto, K. Takeuchi, T. Yamane, T. Maeda, Y. Yamamoto, K. Nishi, M. Asano, K. Shirahama-Noda, M. Nishimura, T. Uzu, I. Hara-Nishimura, D. Koya, A. Kashiwagi and I. Ohkubo, Corrigendum to "Legumain/asparaginyl endopeptidase controls extracellular matrix remodeling through the degradation of fibronectin in mouse renal proximal tubular cells" [FEBS Lett. 581 (2007) 1417–1424], 3579
- Morita, Y., H. Araki, T. Sugimoto, K. Takeuchi, T. Yamane, T. Maeda, Y. Yamamoto, K. Nishi, M. Asano, K. Shirahama-Noda, M. Nishimura, T. Uzu, I. Hara-Nishimura, D. Koya, A. Kashiwagi and I. Ohkubo, Legumain/asparaginyl endopeptidase controls extracellular matrix remodeling through the degradation of fibronectin in mouse renal proximal tubular cells, 1417
- Mork, C.N., D.V. Faller and R.A. Spanjaard, Loss of putative tumor suppressor EI24/PIG8 confers resistance to etoposide, 5440
- Morohashi, M. see Y. Onda, 5852
- Morozova-Roche, L.A., Equine lysozyme: The molecular basis of folding, self-assembly and innate amyloid toxicity, 2587
- Morrice, N.A. see M. Salvi, 5579
- Moscicka, K.B., S.H. Klompmaker, D. Wang, I.J. van der Klei and E.J. Boekema, The *Hansenula polymorpha* peroxisomal targeting signal 1 receptor, Pex5p, functions as a tetramer, 1758
- Moss, C.X., G.D. Westrop, L. Juliano, G.H. Coombs and J.C. Mottram, Metacaspase 2 of *Trypanosoma brucei* is a calcium-dependent cysteine peptidase active without processing, 5635
- Mössner, J. see K. Rother, 1166
- Motose, H. see S. Iwasaki, 2455
- Mottram, J.C. see S. Kanaji, 4260
- Mottram, J.C. see C.X. Moss, 5635
- Mou, T. see B. Wan, 1179
- Moulleron, S. see N. Floquet, 2981
- Moulin, M. see A.-P. Arrigo, 3665
- Moulis, C. see S. Suwannarangsee, 4675
- Moura, I. see M.G. Almeida, 284
- Moura, J.J.G. see M.G. Almeida, 284
- Mousa, S.A. see S. Murugesan, 1157
- Mowat, C.G. see S.J. Atkinson, 3805
- Moya, C. see F.S. Senocak, 5865
- Mozo, J. see S. Rousset, 479
- Mubarakshina, M. see B. Ivanov, 1342
- Mueller, C.R. see M.L. Graves, 1825
- Mueller, M. and B. Nidetzky, The role of Asp-295 in the catalytic mechanism of *Leuconostoc mesenteroides* sucrose phosphorylase probed with site-directed mutagenesis, 1403
- Mueller, M. and B. Nidetzky, Dissecting differential binding of fructose and phosphate as leaving group/nucleophile of glucosyl transfer catalyzed by sucrose phosphorylase, 3814
- Mueller, P., A. Quintana, D. Griesemer, M. Hoth and J. Pieters, Disruption of the cortical actin cytoskeleton does not affect store operated Ca<sup>2+</sup> channels in human T-cells, 3557
- Mujahid, A., Y. Akiba, C.H. Warden and M. Toyomizu, Sequential changes in superoxide production, anion carriers and substrate oxidation in skeletal muscle mitochondria of heat-stressed chickens, 3461
- Mukherjee, A. see J. Chatterjee, 5034
- Mukherjee, K. see J. Chatterjee, 5034
- Mukherjee, S.K. see U. Chilakamarthi, 2675
- Müllegger, J. see F.A. Shaikh, 2441
- Müller, B. see S. Welsch, 2089
- Müller, E.J. see C. Kolly, 1969
- Muller, K.J. see L. Bao, 5703
- Mullin, M., K. Lightfoot, R. Clarke, M. Miller, R. Lahesmaa and D. Cantrell, The RhoA transcriptional program in pre-T cells, 4309
- Mundlos, S. see T. Zemojtel, 2072
- Munnich, A. see C. Benoist-Lassel, 2593
- Muñoz, F.J. see G. Eydallin, 2947
- Muñoz, F.J. see M.T. Morán-Zorzano, 1035
- Muñoz, F.J. see M.T. Morán-Zorzano, 4423
- Muñoz, F.J. see G. Eydallin, 4417
- Munro, S. see I.R. Kelsall, 4749
- Murakami, M. see R. Kikuchi, 1800
- Murakami, T., S. Yomogida, A. Someya, K. Kuwahara-Arai, H. Tamura and I. Nagaoka, Antibacterial cathelicidin peptide CAP11 suppresses the anandamide production from lipopolysaccharide-stimulated mononuclear phagocytes, 140
- Muralidharan, B., B. Bakthavachalu, A. Pathak and V. Seshadri, A minimal element in 5'UTR of insulin mRNA mediates its translational regulation by glucose, 4103
- Murata, Y. see E. Harada, 4298
- Murate, T. see R. Kikuchi, 1800
- Murgia, I. see V. Vazzola, 667
- Muronets, V. see N. Golub, 4223
- Murphy, J.M. see G.C. Leung, 77
- Murugesan, S., S.A. Mousa, L.J. O'Connor, D.W. Lincoln II, and R.J. Linhardt, Carbon inhibits vascular endothelial growth factor- and fibroblast growth factor-promoted angiogenesis, 1157
- Musacchio, A. see C. Ciferri, 2862
- Musatov, A. see P. Lemma-Gray, 437
- Muschiol, S. see L. Bailey, 587
- Mussi, M.A., V.M. Relling, A.S. Limansky and A.M. Viale, CarO, an *Acinetobacter baumannii* outer membrane protein involved in carbapenem resistance, is essential for l-ornithine uptake, 5573
- Mussini, C. see M. Pinti, 3882
- Mustelin, T. see I. Friedberg, 2527
- Mustroph, A., U. Sonnewald and S. Biemelt, Characterisation of the ATP-dependent phosphofructokinase gene family from *Arabidopsis thaliana*, 2401
- Myles, D.G. see P. Primakoff, 2174
- Mysliwiec, M.R., T.-g. Kim and Y. Lee, Characterization of zinc finger protein 496 that interacts with Jumonji/Jarid2, 2633

Myung, S.J., J.-H. Yoon, G.-Y. Gwak, W. Kim, J.-H. Lee, K.M. Kim, C.S. Shin, J.J. Jang, S.-H. Lee, S.-M. Lee and H.-S. Lee, Wnt signaling enhances the activation and survival of human hepatic stellate cells, 2954

# N

- Na, H.K. see K.A. Kang, 2000  
Nachliel, E. see Y. Tsfadia, 1243  
Nacken, W. and C. Kerkhoff, The hetero-oligomeric complex of the S100A8/S100A9 protein is extremely protease resistant, 5127  
Nagai, A. see K. Aoshiba, 3512  
Nagai, M. see M. Tani, 4621  
Nagai, Y. see T. Takemoto, 218  
Nagao, R. see A. Okumura, 5255  
Nagaoka, I. see T. Murakami, 140  
Nagasaki, H. see R. Banno, 1131  
Nagasaki, H. see I. Sato, 4857  
Nagata, K. see M.A. Samad, 3283  
Nagatoshii, M. see S. Masada, 2562  
Nagaya, N. see S. Ohnishi, 3961  
Nah, S.-S., I.-Y. Choi, B. Yoo, Y.G. Kim, H.-B. Moon and C.-K. Lee, Advanced glycation end products increases matrix metalloproteinase-1, -3, and -13, and TNF- $\alpha$  in human osteoarthritic chondrocytes, 1928  
Naito, K. see T. Hishida, 4272  
Nakada, K. see S.-I. Inoue, 1910  
Nakagaki, K. see M. Watanabe, 2017  
Nakaie, C.R. see L.G. de Deus Teixeira, 2411  
Nakajima, T. see N. Yamaji, 3789  
Nakamoto, H. see K. Kojima, 1871  
Nakamura, A. see M. Torii, 5327  
Nakamura, A. see S. Takashima, 5891  
Nakamura, H. see T. Chan, 2691  
Nakamura, H.K. see Y.O. Kamatari, 4463  
Nakamura, S. see H. Nakata, 2047  
Nakamura, Y. and H. Ohta, The diacylglycerol forming pathways differ among floral organs of *Petunia hybrida*, 5475  
Nakanishi, M. see K. Obata, 5917  
Nakano, A. see K. Sato, 2076  
Nakao, K. see T. Ishii, 349  
Nakata, H. and S. Nakamura, Brain-derived neurotrophic factor regulates AMPA receptor trafficking to post-synaptic densities via IP3R and TRPC calcium signaling, 2047  
Nakata, K. see M. Watanabe, 2017  
Nakata, N. see M. Kai, 3345  
Nakata, T. see D. Ma, 1000  
Nakayama, J. see S. Sugimoto, 2993  
Nakayama, M. see T. Takashina, 4479  
Nakazato, K. see A. Okumura, 5255  
Nalbantoglu, J. see K.-C. Huang, 2702  
Nałecz, K.A., D. Szczepankowska, M. Czeredys, N. Kulikova and S. Grześkiewicz, Palmitoylcarnitine regulates estrification of lipids and promotes palmitoylation of GAP-43, 3950  
Namai, T. see Y. Ogasawara, 2473  
Namba, K. see E. Harada, 4298  
Namgoong, S., K. Sheppard, R. Lynn Sherrer and D. Söll, Co-evolution of the archaeal tRNA-dependent amidotransferase GatCAB with tRNA<sup>Asn</sup>, 309  
Namy, O., Y. Zhou, S. Gundllapalli, C.R. Polycarpo, A. Denise, J.-P. Rousset, D. Söll and A. Ambrogelly, Adding pyrrolysine to the *Escherichia coli* genetic code, 5282  
Nandy, S.K., P.M. Bapat and K.V. Venkatesh, Sporulating bacteria prefers predation to cannibalism in mixed cultures, 151  
Napoli, D. see G. Cacciapuotì, 4567  
Nara, H. see M. Rahman, 4001  
Narimatsu, H. see M.K. Kaneko, 331  
Naryzhny, S.N. and H. Lee, Characterization of proliferating cell nuclear antigen (PCNA) isoforms in normal and cancer cells: There is no cancer-associated form of PCNA, 4917  
Nascimento, L. see D. Azevedo, 187  
Naseem, K.M. see N.G. Oberprieler, 2574  
Naseem, K.M. see N.G. Oberprieler, 1529  
Nasheuer, H.-P. see P. Taneja, 3973  
Nasi, M. see E. Roat, 521  
Näslund, J. see C. Lundin, 3809  
Nawrotzki, R. see T. Kremer, 4727  
Neamati, N. see L.Q. Al-Mawsawi, 1151  
Nebreda, A.R. see S. Zuluaga, 3819  
Neckar, J. see P. Flachs, 1093  
Negishi, M. see F. Hosseinpour, 4937  
Negishi, Y. see M. Otsuka, 325  
Nelson, D.C., D.J. Wohlbach, M.J. Rodesch, V. Stolz, M.R. Sussman, and M.P. Samanta, Identification of an in vitro transcription-based artifact affecting oligonucleotide microarrays, 3363  
Nelson, W.J. see S.J. Hunt, 4539  
Nemes, E. see E. Roat, 521  
Nepal, C. see K. Han, 1881  
Neuhaus, H.E., Transport of primary metabolites across the plant vacuolar membrane, 2223  
Neuhäuser, B. see U. Ludewig, 2301  
Neupert, W. see N. Terziyska, 1098  
Neuzil, J., E. Swettenham, X.-F. Wang, L.-F. Dong and M. Stäpelberg,  $\alpha$ -Tocopheryl succinate inhibits angiogenesis by disrupting paracrine FGF2 signalling, 4611  
Newman, D. see S. Ryazantsev, 1898  
Neyses, L. see M. Holton, 4115  
Ng, M.K.P. see L.W.T. Cheung, 4668  
Ng, T.B. see T.S. Lau, 3253  
Ng, T.W. see L.W.T. Cheung, 4668  
Nguyen, V.D. see H. Lühring, 5361  
Ni, M. and A.S. Lee, ER chaperones in mammalian development and human diseases, 3641  
Ni, Y., M. Su, Y. Qiu, M. Chen, Y. Liu, A. Zhao and W. Jia, Metabolic profiling using combined GC-MS and LC-MS provides a systems understanding of aristolochic acid-induced nephrotoxicity in rat, 707  
Nibbelink, M. see P. Flachs, 1093  
Nicaise, C. see V. Daubie, 2611  
Nicaise, V., J.-L. Gallois, F. Chafiai, L.M. Allen, V. Schurdi-Levraud, K.S. Browning, T. Candresse, C. Caranta, O. Le Gall and S. German-Retana, Coordinated and selective recruitment of eIF4E and eIF4G factors for potyvirus infection in *Arabidopsis thaliana*, 1041  
Nichols, B.L. see Z. Ao, 2381  
Nickell, S., F. Beck, A. Korinek, O. Mihalache, W. Baumeister and J.M. Plitzko, Automated cryoelectron microscopy of "single particles" applied to the 26S proteasome, 2751  
Nicola, M., A. Duprat, R. Sormani, C. Rodriguez, M.-A. Roncato, N. Rolland and C. Robaglia, Higher plant chloroplasts import the mRNA coding for the eucaryotic translation initiation factor 4E, 3921  
Nicolas, C., P. Kiefer, F. Letisse, J. Krömer, S. Massou, P. Soucaille, C. Wittmann, N.D. Lindley and J.-C. Portais, Response of the central metabolism of *Escherichia coli* to modified expression of the gene encoding the glucose-6-phosphate dehydrogenase, 3771  
Nicolau, C. see G. Sihm, 962  
Nidetzky, B. see M. Mueller, 1403  
Nidetzky, B. see M. Mueller, 3814  
Nie, L. see F.L. Xie, 1464  
Nielsen, H.K. see D. Launholt, 1114  
Niimura, Y. see S. Kawasaki, 2460  
Niinuma, Y. see M. Kaneko, 5355  
Nijikken, Y., T. Tsukada, K. Igarashi, M. Samejima, T. Wakagi, H. Shoun and S. Fushinobu, Crystal structure of intracellular family 1  $\beta$ -glucosidase BGL1A from the basidiomycete *Phanerochaete chrysosporium*, 1514  
Nika, K. see I. Friedberg, 2527  
Nikaido, H. see C.-C. Su, 4972  
Nikawa, T. see H. Furochi, 5743  
Niki, E. see Y. Saito, 4349  
Nikitin, D.V. see E.A. Rodikova, 1190  
Nikolsky, N. see E. Burova, 1475  
Nilsson, I. see C. Lundin, 3809  
Nilsson, I. see C. Lundin, 5601  
Nincheri, P. see C. Donati, 4384  
Ninomiya-Tsuji, J. see W.-C. HuangFu, 5549  
Nishi, K. see Y. Morita, 1417  
Nishi, K. see Y. Morita, 3579  
Nishida, M. see H. Oku, 5029

- Nishida, T., N. Morita, Y. Yano, Y. Orikasa and H. Okuyama, The antioxidative function of eicosapentaenoic acid in a marine bacterium, *Shewanella marinintestina* IK-1, 4212
- Nishigaki, K. see M. Washiyama, 5207
- Nishikawa, T. see Y. Kume, 1631
- Nishimori, K. see S. Kato, 4685
- Nishimoto, A. see T. Nishiya, 3223
- Nishimura, M. see Y. Morita, 3579
- Nishimura, M. see Y. Morita, 1417
- Nishio, Y. see T. Takemoto, 218
- Nishiya, T., E. Kajita, T. Horinouchi, A. Nishimoto and S. Miwa, Distinct roles of TIR and non-TIR regions in the subcellular localization and signaling properties of MyD88, 3223
- Nishizuka, M. see T. Hishida, 4272
- Nissen, M. see A. Mokdad, 4512
- Nitsch, L. see C. De Lorenzo, 296
- Nitta, H., H. Kobayashi, A. Irie, H. Baba, K. Okamoto and T. Imamura, Activation of prothrombin by ASP, a serine protease released from *Aeromonas sobria*, 5935
- Nivon, M. see A.-P. Arrigo, 3665
- Nlond, M.-C., A. Schmid, Z. Sutto, G.A. Ransford, G.E. Conner, N. Fregien and M. Salathe, Calcium-mediated, purinergic stimulation and polarized localization of calcium-sensitive adenylyl cyclase isoforms in human airway epithelia, 3241
- Noel, J.P. see Y. Haagen, 2889
- Nofer, J.-R. see T. Engel, 1673
- Noguchi, C. see N. Hiraga, 1983
- Noguchi, M. see T. Ishii, 349
- Nogusa, Y. see N. Yanaka, 712
- Noizet, M. see L. Camborde, 337
- Nojima, H. see D. Miura, 2541
- Nomura, M. see M. Deushi, 5664
- Nomura, N. see E. Ito, 3909
- Nomura, Y. see M. Kaneko, 5355
- Nonaka, T. see A. Ishii, 4711
- Nordberg, P.A. see J.F. Cramer, 3178
- Nordheim, A. see T. Proikas-Cezanne, 3396
- Nordström, P. see L. Bailey, 587
- Norum, J.H., H. Dawood, R.R. Mattingly, D. Sandnes and F.O. Levy, Epac- and Rap-independent ERK1/2 phosphorylation induced by G<sub>s</sub>-coupled receptor stimulation in HEK293 cells, 15
- Notomi, M. see K.-i. Hayashi, 2748
- Nouhi, Z., G. Chevillard, A. Derjuga and V. Blank, Endoplasmic reticulum association and N-linked glycosylation of the human Nrf3 transcription factor, 5401
- Nouwen, N. see D. Tomkiewicz, 2820
- Novak, M. see B. Kovacech, 617
- Novak, M. see J. Sevcik, 5872
- Novak, P. see B. Kovacech, 617
- Nowak, C. see M. Sarić, 1369
- Nozaki, H. see K.-i. Hayashi, 2748
- Nozawa, Y. see R. Kikuchi, 1800
- Nuccitelli, S. see C. Limatola, 2641
- Nunzio, M.D. see A. Bordoni, 923
- Nurmsky, D.I. see A.M. Boutanaev, 1707
- Nybo, R. see K.W. Kim, 995
- Nziengui, H., K. Bouhidel, D. Pillon, C. Der, F. Marty and B. Schoefs, Reticulon-like proteins in *Arabidopsis thaliana*: Structural organization and ER localization, 3356
- Oberprieler, N.G., W. Roberts, A.M. Graham, S. Homer-Vanniasinkam and K.M. Naseem, cGMP-independent inhibition of integrin  $\alpha_{IIb}\beta_3$ -mediated platelet adhesion and outside-in signalling by nitric oxide, 1529
- Oberprieler, N.G., W. Roberts, R. Riba, A.M. Graham, S. Homer-Vanniasinkam and K.M. Naseem, Corrigendum to "cGMP-independent inhibition of integrin  $\alpha_{IIb}\beta_3$ -mediated platelet adhesion and outside-in signalling by nitric oxide" [FEBS Lett. 581 (2007) 1529–1534], 2574
- Obinger, C. see J. Vlasits, 320
- Ochi, A. see K. Matsumoto, 1599
- Ochi, H. see N. Hiraga, 1983
- Odelberg, S.J. see E. Makarev, 1865
- Odent, T. see C. Benoist-Lasselin, 2593
- Ogasawara, Y., T. Namai, F. Yoshino, M.-C. Lee and K. Ishii, Sialic acid is an essential moiety of mucin as a hydroxyl radical scavenger, 2473
- Ogawa, E. see S. Kato, 4685
- Ogawa, H. see H. Hiura, 1255
- Ogawa, J.-i. see H. Ota, 5220
- Ogawa, T. see H. Furochi, 5743
- Ogawa, Y. see Y. Kamei, 91
- Ogbomo, H., M. Michaelis, J. Kreuter, H.W. Doerr and J. Cinatl Jr., Histone deacetylase inhibitors suppress natural killer cell cytolytic activity, 1317
- Ogihara, T. see T. Yotsui, 427
- Oguchi, Y. see S. Masada, 2562
- Ogura, T. see Y. Sasagawa, 145
- Oguri, S. see H. Furochi, 5743
- Oh, C.K. see Z. Ma, 4485
- Oh, H.-K. see J.-M. Ha, 2663
- Oh, N., K.M. Kim, J. Choe and Y.K. Kim, Pioneer round of translation mediated by nuclear cap-binding proteins CBP80/20 occurs during prolonged hypoxia, 5158
- Oh, S. see K.-S. Kim, 4065
- Oh, S. see K.-S. Kim, 5733
- Ohama, T. see H. Oku, 5029
- Ohkubo, I. see Y. Morita, 3579
- Ohkubo, I. see Y. Morita, 1417
- Ohmori, M. see T. Suzuki, 21
- Ohnishi, S., P. Güntert, S. Koshiba, T. Tomizawa, R. Akasaka, N. Tochio, M. Sato, M. Inoue, T. Harada, S. Watanabe, A. Tanaka, M. Shirouzu, T. Kigawa and S. Yokoyama, Solution structure of an atypical WW domain in a novel  $\beta$ -clam-like dimeric form, 462
- Ohnishi, S., H. Sumiyoshi, S. Kitamura and N. Nagaya, Mesenchymal stem cells attenuate cardiac fibroblast proliferation and collagen synthesis through paracrine actions, 3961
- Ohno-Iwashita, Y. see M. Inomata, 3039
- Ohno, M. see S. Takashima, 5891
- Ohsumi, Y. see K. Suzuki, 2156
- Ohta, A. see R. Oshima, 4627
- Ohta, H. see Y. Nakamura, 5475
- Ohta, S. see S. Kanaji, 4260
- Ohta, T. see H. Tokuda, 1311
- Ohuchi, K. see F. Kamachi, 4633
- Ohwada, S. see E. Ito, 3909
- Oiki, S. see T. Konno, 1635
- Oiso, Y. see R. Banno, 1131
- Oiso, Y. see I. Sato, 4857
- Okabayashi, K. see T. Chan, 2691
- Okada, H. see T. Takenouchi, 3019
- Okada, Y. see M. Matsui, 4184
- Okamoto, K. see H. Nitta, 5935
- Okamura, M. see Y. Takano, 421
- Okamura, M. see N. Hiramatsu, 2055
- Okamura, Y. see T. Suzuki, 3443
- Okano, T. see M. Torii, 5327
- Okayama, H. see Q. Kan, 5879
- Okayama, M., T. Arakawa, I. Mizoguchi, Y. Tajima and T. Takuma, SNAP-23 is not essential for constitutive exocytosis in HeLa cells, 4583
- Okazaki, M. see M. Deushi, 5664
- Okazaki, Y. see S. Arai, 5649
- Oku, H., F. Matsuura, M. Koseki, J.C. Sandoval, M. Yuasa-Kawase, K. Tsubakio-Yamamoto, D. Masuda, N. Maeda, T. Ohama, M. Ishigami, M. Nishida, K.-i. Hirano, S. Kihara, M. Hori, I. Shimomura and S. Yamashita, Adiponectin deficiency suppresses ABCA1 expression and ApoA-I synthesis in the liver, 5029
- Okubo, S. see Y. Kume, 1631

# O

- O'Callaghan, C. see M. Sherman, 3711
- O'Connor, L.J. see S. Murugesan, 1157
- O'Donoghue, P. see S. Herring, 3197
- O'Mara, M.L. and D.P. Tieleman, P-glycoprotein models of the apo and ATP-bound states based on homology with Sav1866 and MalK, 4217
- Obata, K., T. Furuno, M. Nakanishi and A. Togari, Direct neurite-osteoblastic cell communication, as demonstrated by use of an in vitro co-culture system, 5917
- Obata, Y. see H. Hiura, 1255
- Öberg, K.E. see J. Saras, 1957
- Obermeyer, G. see R. Gehwolf, 448

- Okuda, H., S. Miyata, Y. Mori and M. Tohyama, Mouse *Prickle1* and *Prickle2* are expressed in postmitotic neurons and promote neurite outgrowth, 4754
- Okuma, Y. see M. Kaneko, 5355
- Okumoto, S. see H. Gu, 579
- Okumura, A., M. Sano, T. Suzuki, H. Tanaka, R. Nagao, K. Nakazato, M. Iwai, H. Adachi, J.-R. Shen and I. Enami, Aromatic structure of Tyrosine-92 in the extrinsic PsbU protein of red algal Photosystem II is important for its functioning, 5255
- Okumura, Y. see H. Furochi, 5743
- Okuwaki, M. see M.A. Samad, 3283
- Okuyama, H. see T. Nishida, 4212
- Okuyama, R. see S. Kato, 4685
- Olam, D. see N. Klopstock, 3986
- Olivari, S. and M. Molinari, Glycoprotein folding and the role of EDEM1, EDEM2 and EDEM3 in degradation of folding-defective glycoproteins, 3658
- Oliveira, M.F. see J.B.R. Corrêa Soares, 1742
- Oliveira, P.L. see J.B.R. Corrêa Soares, 1742
- Oliveira, S. see M. Broco, 4397
- Ollagnier de Choudens, S. see M. Sendra, 1362
- Olsen, O.H. see J.R. Bjelke, 71
- Olsen, T.W. see C.M. Ethen, 885
- Omata, M. see Y. Kume, 1631
- O'Mara, M.L. and D.P. Tieleman, P-glycoprotein models of the apo and ATP-bound states based on homology with Sav1866 and MalK, 4217
- Omura, T. see M. Kaneko, 5355
- Onda, Y., Y. Kato, Y. Abe, T. Ito, Y. Ito-Inaba, M. Morohashi, Y. Ito, M. Ichikawa, K. Matsukawa, M. Otsuka, H. Koiwa and K. Ito, Pyruvate-sensitive AOX exists as a non-covalently associated dimer in the homeothermic spadix of the skunk cabbage, *Symplocarpus renifolius*, 5852
- Ono-Maniwa, R. see H. Takata, 3783
- Ono, M. see S. Kawasaki, 2460
- Ono, S. see M. Tamura, 4533
- Onoda, T. see M. Rahman, 4001
- Onyango, D.J. see J.E.P. Brown, 3273
- Oostergetel, G.T., M. Reus, A. Gomez Maqueo Chew, D.A. Bryant, E.J. Boekema and A.R. Holzwarth, Long-range organization of bacteriochlorophyll in chlorosomes of *Chlorobium tepidum* investigated by cryo-electron microscopy, 5435
- Opitz, C.A., N. Rimmerman, Y. Zhang, L.E. Mead, M.C. Yoder, D.A. Ingram, J.M. Walker and J. Rehman, Production of the endocannabinoids anandamide and 2-arachidonoylglycerol by endothelial progenitor cells, 4927
- Or, E. and T. Rapoport, Cross-linked SecA dimers are not functional in protein translocation, 2616
- O'Callaghan, C. see M.Y. Sherman, 5732
- Oreb, M., M. Zoryan, A. Vojta, U.G. Maier, L.A. Eichacker and E. Schleiff, Phospho-mimicry mutant of atToc33 affects early development of *Arabidopsis thaliana*, 5945
- Orikasa, Y. see T. Nishida, 4212
- Orlowski, J., S. Kaczanowski and P. Zielenkiewicz, Overrepresentation of interactions between homologous proteins in interactomes, 52
- O'Reilly, A.O. see P.N.R. Usherwood, 5485
- Orrell, R.W. see K. Ates, 2727
- Orriss, G.L., M.J. Tarry, B. Ize, F. Sargent, S.M. Lea, T. Palmer and B.C. Berks, TatBC, TatB, and TatC form structurally autonomous units within the twin arginine protein transport system of *Escherichia coli*, 4091
- Orsi, C.F. see M. Pinti, 3882
- Ortega-López, J. see E. Solano-González, 2919
- Ortiz-Masia, D., M.A. Perez-Amador, J. Carbonell and M.J. Marcote, Diverse stress signals activate the C1 subgroup MAP kinases of *Arabidopsis*, 1834
- Ortutay, C. see Z. Gáspári, 2523
- Osada, S. see T. Hishida, 4272
- Oshima, R., K. Yoshinaga, Y. Ihara-Ohori, R. Fukuda, A. Ohta, H. Uchimiya and M. Kawai-Yamada, The Bax Inhibitor-1 needs a functional electron transport chain for cell death suppression, 4627
- Osterweil, E.K. see M. Krendel, 644
- Ostroumova, O.S., P.A. Gurnev, L.V. Schagina and S.M. Bezrukov, Asymmetry of syringomycin E channel studied by polymer partitioning, 804
- Ota, H., K.-i. Katsube, J.-i. Ogawa and M. Yanagishita, Hypoxia/Notch signaling in primary culture of rat lymphatic endothelial cells, 5220
- Otsuka, M., Y. Negishi and Y. Aramaki, Involvement of phosphatidylinositol-3-kinase and ERK pathways in the production of TGF- $\beta$ 1

- by macrophages treated with liposomes composed of phosphatidylserine, 325
- Otsuka, M. see Y. Onda, 5852
- Otto, H. see S. Seibeck, 5425
- Ou, C.-H. see T.-C. Huang, 3517
- Ouellet, T. see N. Ponts, 443
- Oukhaled, G. see M. Pastoriza-Gallego, 3371
- Ouyang, Y. see E.R. Moellering, 4871
- Oyama, T. see E. Ito, 3909
- Ozaki, N. see R. Banno, 1131
- Ozaki, N. see R. Banno, 1131
- Ozaki, N. see I. Sato, 4857
- Ozaki, N. see I. Sato, 4857
- Ozawa, H. see T. Chan, 2691

## P

- Pacelli, C. see L. Giachini, 5645
- Pagani, S. see A. Cereda, 1625
- Page, G. see S. Ingrand, 4473
- Pallett, D. see T. Ho, 3267
- Palma, A. see S. Grande, 637
- Palmada, M. see C. Böhmer, 5586
- Palmer, T. see G.L. Orriss, 4091
- Palmgren, M.G. see R.A. Gaxiola, 2204
- Palotai, R. see C. Böde, 2776
- Paluch, M. see T.L. Chang, 4596
- Palumbo, M.C., A. Colosimo, A. Giuliani and L. Farina, Essentiality is an emergent property of metabolic network wiring, 2485
- Pan, A. see I. Chanda, 5751
- Pan, C.-H., J.-L. Lin, L.-P. Lai, C.-L. Chen, S.K. Stephen Huang and C.-S. Lin, Downregulation of angiotensin converting enzyme II is associated with pacing-induced sustained atrial fibrillation, 526
- Pandey, S., W. Zhang and S.M. Assmann, Roles of ion channels and transporters in guard cell signal transduction, 2325
- Papa, S. see F. Francia, 611
- Papa, S. see L. Giachini, 5645
- Papachristou, D.J. see A.K. Papadopoulou, 2041
- Papaconstantinou, A.D. and E.G. Snyderwine, Proliferation and apoptosis in PhIP-induced rat mammary gland carcinom as with elevated phosphotyrosine-STAT5a, 29
- Papadopoulou, A.K., D.J. Papachristou, S.A. Chatzopoulos, P. Pirtiniemi, A.G. Papavassiliou and E.K. Basdra, Load application induces changes in the expression levels of Sox-9, FGFR-3 and VEGF in condylar chondrocytes, 2041
- Papavassiliou, A.G. see A.K. Papadopoulou, 2041
- Parent, A. see P. Giguère, 3863
- Parent, J.-L. see P. Giguère, 3863
- Park, C. see J.H. Kim, 623
- Park, C., I. Lee, J.H. Jang and W.K. Kang, Inhibitory role of RhoA on senescence-like growth arrest by a mechanism involving modulation of phosphatase activity, 3800
- Park, D.-W. see J.-G. Lee, 787
- Park, H. see H. Cho, 1542
- Park, H.-M. see W.-H. Kang, 3473
- Park, J., P. van Koeverden, B. Singh and R.S. Gupta, Identification and characterization of human ribokinase and comparison of its properties with *E. coli* ribokinase and human adenosine kinase, 3211
- Park, J. see S.-H. Hong, 5396
- Park, J.-M. see K.-H. Kim, 3303
- Park, J.H. see D.H. Choi, 1649
- Park, J.W. see K.A. Kang, 2000
- Park, J.W. see D.H. Choi, 1649
- Park, K.S., H.Y. Lee, S.Y. Lee, M.-K. Kim, S.D. Kim, J.M. Kim, J. Yun, D.-S. Im and Y.-S. Bae, Lysophosphatidylethanolamine stimulates chemotactic migration and cellular invasion in SK-OV3 human ovarian cancer cells: Involvement of pertussis toxin-sensitive G-protein coupled receptor, 4411
- Park, M.H. see B.-H. Ahn, 5940
- Park, S.E., J.D. Song, K.M. Kim, Y.M. Park, N.D. Kim, Y.H. Yoo and Y.C. Park, Diphenyleneodonium induces ROS-independent p53 expression and apoptosis in human RPE cells, 180
- Park, S.J. see M.-D. Seo, 65
- Park, S.O. see H.-L. Kim, 5430

- Park, W.S. see I.D. Jung, 1449  
 Park, Y.-D. see W.-H. Kang, 3473  
 Park, Y.-M. see J.S. Lee, 57  
 Park, Y.-M. see I.D. Jung, 1449  
 Park, Y.C. see S.E. Park, 180  
 Park, Y.J. see M.-K. Kim, 1917  
 Park, Y.M. see S.E. Park, 180  
 Park, Y.S. see H.-L. Kim, 5430  
 Parker, P.J. see X. Iturriz, 1397  
 Parker, P.J. see J. Durgan, 3377  
 Parmar, V.S. see A. Goel, 2447  
 Parola, A.H. see A. Aranovich, 4439  
 Parrou, J.L. see M. Frison, 4010  
 Pasha, M.A.Q. see J. Karar, 4577  
 Pasquato, A., M. Dettin, A. Basak, R. Gambaretto, L. Tonin, N.G. Seidah and C. Di Bello, Heparin enhances the furin cleavage of HIV-1 gp160 peptides, 5807  
 Passarella, S. see R.A. Vacca, 917  
 Passarini, F. see S. Caffarri, 4704  
 Pastoriza-Gallego, M., G. Oukhaled, J. Mathé, B. Thiebot, J.-M. Betton, L. Auvray and J. Pelta, Urea denaturation of  $\alpha$ -hemolysin pore inserted in planar lipid bilayer detected by single nanopore recording: Loss of structural asymmetry, 3371  
 Pastushok, L., L. Spyropoulos and W. Xiao, Two Mms2 residues cooperatively interact with ubiquitin and are critical for Lys63 polyubiquitination in vitro and in vivo, 5343  
 Pasula, S., D. Jouandot II and J.-H. Kim, Biochemical evidence for glucose-independent induction of *HXT* expression in *Saccharomyces cerevisiae*, 3230  
 Pathak, A. see B. Muralidharan, 4103  
 Patterson, S.E. see B.M. Binder, 5105  
 Pavlopoulos, S. see K. Bakshi, 5009  
 Pavlovic, J. see J. Keyser, 5349  
 Payne, S.G. see P. Mitra, 735  
 Paz, C. see A. Duarte, 4023  
 Peak-Chew, S. see K. Virdee, 2657  
 Pearl, E.J., J.D.A. Tyndall, R.T.M. Poulter and S.M. Wilbanks, Sequence requirements for splicing by the Cne PRP8 intein, 3000  
 Peelman, F. see P. Ulrichs, 629  
 Peinado, J.R. see D. Cruz-Garcia, 3149  
 Peleato, M.L. see J.A. Hernández, 1351  
 Pellett, S., W.H. Tepp, C.M. Clancy, G.E. Borodic and E.A. Johnson, A neuronal cell-based botulinum neurotoxin assay for highly sensitive and specific detection of neutralizing serum antibodies, 4803  
 Pellicer, S. see J.A. Hernández, 1351  
 Pelta, J. see M. Pastoriza-Gallego, 3371  
 Peltier, G. see C. Desplats, 4017  
 Peng, C., S. Fan, X. Li, X. Fan, M. Ming, Z. Sun and W. Le, Overexpression of pitx3 upregulates expression of BDNF and GDNF in SH-SY5Y cells and primary ventral mesencephalic cultures, 1357  
 Peng, F. see Y. Sun, 131  
 Peng, F. see P.N.R. Usherwood, 5485  
 Peng, R.-W. see Y. Li, 5698  
 Peng, W. see Y. Sheng, 1763  
 Peng, X. see X. Yan, 1587  
 Peng, Y. see R.R. Lareu, 2709  
 Peplowska, K. see D.F. Markgraf, 2125  
 Peppoloni, S. see M. Pinti, 3882  
 Pereira-Smith, O.M. see S.N. Garcia, 5275  
 Pereira, H.M., V. Berdini, A. Cleasby and R.C. Garratt, Crystal structure of calf spleen purine nucleoside phosphorylase complexed to a novel purine analogue, 5082  
 Pereira, I.A.C. see F.M.A. Valente, 3341  
 Pereira, M.M., P.N. Refojo, G.O. Hreggvidsson, S. Hjorleifsdottir and M. Teixeira, The alternative complex III from *Rhodothermus marinus* – A prototype of a new family of quinol:electron acceptor oxidoreductases, 4831  
 Pereira, P.M. see F.M.A. Valente, 3341  
 Pereira, Y. see M. Gibert, 1287  
 Perez-Amador, M.A. see D. Ortiz-Masia, 1834  
 Perham, M., L. Stagg and P. Wittung-Stafshede, Macromolecular crowding increases structural content of folded proteins, 5065  
 Perier, A., C. Gourier, S. Pichard, J. Husson, E. Lajeunesse, A. Babon, A. Menez and D. Gillet, Creation of intercellular bonds by anchoring protein ligands to membranes using the diphtheria toxin T domain, 5480  
 Perino, S. see M. Damian, 1944  
 Perrotta, C. see M. Gulli, 4841  
 Perry, S.E., P. Robinson, A. Melcher, P. Quirke, H.-J. Bühring, G.P. Cook and G.E. Blair, Expression of the CUB domain containing protein 1 (CDCP1) gene in colorectal tumour cells, 1137  
 Persson, E. see J.R. Bjelke, 71  
 Pession, A. see A. Bordoni, 923  
 Pession, A. see A. Bordoni, 923  
 Pester, J.M. see R. Rossi, 4058  
 Petelin, A. see L. Bojic, 5185  
 Peters, C. see L. Bojic, 5185  
 Petibois, C., B. Drogat, A. Bikfalvi, G. Délérès and M. Moenner, Histological mapping of biochemical changes in solid tumors by FT-IR spectral imaging, 5469  
 Pêres, S. see P. Tsitoura, 4049  
 Petrovic, A. see C. Ciferri, 2862  
 Pezacki, J.P. see R. Koukikolo, 3051  
 Pfanner, N. see M. Bohnert, 2802  
 Pfizenmaier, K. see T. Eiseler, 4279  
 Phillips, J.R., T. Dalmay and D. Bartels, The role of small RNAs in abiotic stress, 3592  
 Pi, R. see R. Li, 3311  
 Picariello, G. see A. Cereda, 1625  
 Piccoli, C., A. D'Aprile, M. Ripoli, R. Scrima, D. Boffoli, A. Tabilio and N. Capitanio, The hypoxia-inducible factor is stabilized in circulating hematopoietic stem cells under normoxic conditions, 3111  
 Pichard, S. see A. Perier, 5480  
 Pierce, A. see M.B. Breslin, 949  
 Pierres, A., A. Prakasam, D. Touchard, A.-M. Benoliel, P. Bongrand and D. Leckband, Dissecting subsecond cadherin bound states reveals an efficient way for cells to achieve ultrafast probing of their environment, 1841  
 Pieters, J. see P. Mueller, 3557  
 Pietrasanta, L.I. see M.M. Echarte, 2905  
 Pillon, D. see H. Nziengui, 3356  
 Pilot, G. see R. Pratelli, 1248  
 Pingault, V. see D. Scheffer, 4651  
 Pinson-Gadais, L. see N. Ponts, 443  
 Pinti, M. see E. Roat, 521  
 Pinti, M., C.F. Orsi, L. Gibellini, R. Esposito, A. Cossarizza, E. Blasi, S. Peppoloni and C. Mussini, Identification and characterization of an aspartyl protease from *Cryptococcus neoformans*, 3882  
 Pire, C. see J. Esclapez, 837  
 Pirttiniemi, P. see A.K. Papadopoulou, 2041  
 Plano, S.A., P.V. Agostino and D.A. Golombek, Extracellular nitric oxide signaling in the hamster biological clock, 5500  
 Platet, N., J.-F. Mayol, F. Berger, F. Hérodin and D. Wion, Fluctuation of the SP/non-SP phenotype in the C6 glioma cell line, 1435  
 Platet, N. see D. Adamski, 3076  
 Platta, H.W. and R. Erdmann, The peroxisomal protein import machinery, 2811  
 Plattner, H. see M.F. Langhorst, 4697  
 Plemenitas, A. see T. Vaupotic, 3391  
 Plesniak, L.A. see C.M. Sandoval, 5464  
 Plessmann, U. see M. Takenaka, 2743  
 Plitzko, J.M. see S. Nickell, 2751  
 Pochet, R. see V. Daubie, 2611  
 Podestá, E.J. see A. Duarte, 4023  
 Podlesek, Z. see M. Butala, 4816  
 Podlitsky, A.J. see S.N. Garcia, 5275  
 Pohlkamp, T. see S. Chlench, 673  
 Polaina, J. see N. López-Cortés, 4657  
 Polet, D., A. Lambrechts, K. Vandepoele, J. Vandekerckhove and C. Ampe, On the origin and evolution of vertebrate and viral profilins, 211  
 Polidori, A. see M. Damian, 1944  
 Politis, C. see P. Tsitoura, 4049  
 Pollard, J.W. see Y. Wang, 3069  
 Polsakiewicz, M. see V. Salone, 4132  
 Polycarpo, C.R. see S. Herring, 3197  
 Polycarpo, C.R. see O. Namy, 5282  
 Ponts, N., L. Pinson-Gadais, C. Barreau, F. Richard-Forget and T. Ouellet, Exogenous H<sub>2</sub>O<sub>2</sub> and catalase treatments interfere with *Tri* genes expression in liquid cultures of *Fusarium graminearum*, 443  
 Poole, E.L., L. Medcalf, D. Elton and P. Digard, Evidence that the C-terminal PB2-binding region of the influenza A virus PB1 protein is a discrete  $\alpha$ -helical domain, 5300  
 Poornima, B.L. and A.A. Karande, Differential sialylation regulates the apoptotic activity of glycoprotein A, 4366  
 Poot, R. see P. Fortes, 3087  
 Popoff, M.R. see M. Gibert, 1287  
 Popov, K.M. see A. Klyuyeva, 2988



- Porath, D. see N. Borovok, 5843  
 Porcelli, M. see G. Cacciapuoti, 4567  
 Porras, A. see S. Zuluaga, 3819  
 Portais, J.-C. see C. Nicolas, 3771  
 Portilho, D.M., E.R. Martins, M.L. Costa and C.S. Mermelstein, A soluble and active form of Wnt-3a protein is involved in myogenic differentiation after cholesterol depletion, 5787  
 Pos, K.M. see E.M. Furrer, 572  
 Potin, S., J. Bertoglio and J. Br  ard, Involvement of a Rho-ROCK-JNK pathway in arsenic trioxide-induced apoptosis in chronic myelogenous leukemia cells, 118  
 Potocki-Veronese, G. see S. Suwannarangsee, 4675  
 Pottosin, I. see S. Shabala, 1993  
 Poulsen, F.M. see K. Modig, 4965  
 Poulter, R.T.M. see E.J. Pearl, 3000  
 Pourebrahim, R., K. Van Dam, M. Bauters, I. De Wever, R. Sciot, J.-J. Cassiman and S. Tejpar, *ZIC1* gene expression is controlled by DNA and histone methylation in mesenchymal proliferations, 5122  
 Pouyssegur, J. see M.C. Brahimi-Horn, 3582  
 Powers, M.V. and P. Workman, Inhibitors of the heat shock response: Biology and pharmacology, 3758  
 Powis, S.J. see A.N. Antoniou, 1988  
 Poznański, J. see M. Adamczyk, 1409  
 Pozueta-Romero, J. see M.T. Mor  n-Zorzano, 1035  
 Pozueta-Romero, J. see G. Eydallin, 2947  
 Pozueta-Romero, J. see G. Eydallin, 4417  
 Pozueta-Romero, J. see M.T. Mor  n-Zorzano, 4423  
 Prabu, S.K. see J.-K. Fang, 1302  
 Prada, I., E. Cocucci, G. Racchetti and J. Meldolesi, The Ca<sup>2+</sup>-dependent exocytosis of enlargeosomes is greatly reinforced by genistein via a non-tyrosine kinase-dependent mechanism, 4932  
 Prada, N. see E. Roat, 521  
 Prakasam, A. see A. Pierres, 1841  
 Prasad, A.K. see A. Goel, 2447  
 Prasad, A.S. see B. Bao, 4507  
 Pratelli, R. and G. Pilot, Corrigendum to "The plant-specific VIMAG domain of *Glutamine Dumper1* is necessary for the function of the protein in arabidopsis" [FEBS Lett. 580 (2006) 6961–6966], 1248  
 Preller, A., E. Kessi and T. Ureta, Glycogen synthesis by the direct or indirect pathways depends on glucose availability: In vivo studies in frog oocytes, 663  
 Preti, A. see A. Fanzani, 5099  
 Pries, A.R. see S. Chlench, 673  
 Prigent, C. see R. Uzbekov, 1251  
 Prigent, S. see E. Gonz  les, 3260  
 Primakoff, P. and D.G. Myles, Cell-cell membrane fusion during mammalian fertilization, 2174  
 Prochnow, B.R. see F. Vauti, 5691  
 Prod  hl, A. see C. Dreher, 2647  
 Proikas-Cezanne, T., S. Ruckerbauer, Y.-D. Stierhof, C. Berg and A. Nordheim, Human WIPI-1 puncta-formation: A novel assay to assess mammalian autophagy, 3396  
 Prunotto, M., M. Bacchetta, S. Jayaraman, M. Galloni, G. Van Eys, G. Gabbiani and M.-L. Bochaton-Piallat, Cytostatic drugs differentially affect phenotypic features of porcine coronary artery smooth muscle cell populations, 5847  
 Pu, Y. see F. Zhou, 34  
 Pucci, B. see M. Damian, 1944  
 Puglisi, E.V. and J.D. Puglisi, Probing the conformation of human tRNA<sup>Lys</sup> in solution by NMR, 5307  
 Puglisi, J.D. see E.V. Puglisi, 5307  
 Punekar, N.S. see R. Choudhury, 2733  
 P  schel, G.P. see N. Wieneke, 5617  
 Pushkin, A. see S. Ryazantsev, 1898

## Q

- Qadri, F. see C.-F. Flach, 3183  
 Qiang, B. see X. Yan, 1587  
 Qiao, H. and J.R. McMillan, Gelsolin segment 5 inhibits HIV-induced T-cell apoptosis via Vpr-binding to VDAC, 535  
 Qiu, F. see S. Locovei, 483  
 Qiu, Y. see Y. Ni, 707  
 Qu, Z., Y. Cui and C. Hartzell, Corrigendum to "A short motif in the C-terminus of mouse bestrophin 3 inhibits its activation as a Cl channel" [FEBS Lett. 580 (2006) 2141–2146], 580  
 Queguiner, I. see G. Sih  n, 962  
 Quezada-Calvillo, R. see Z. Ao, 2381  
 Quintana, A. see P. Mueller, 3557  
 Quirke, P. see S.E. Perry, 1137  
 Quoix, N., R. Cheng-Xue, Y. Guiot, P.L. Herrera, J.-C. Henquin and P. Gilon, The GluCre-ROSA26EYFP mouse: A new model for easy identification of living pancreatic  $\alpha$ -cells, 4235  
 Qvartskhava, N. see B. G  rg, 84

## R

- Rabot, S. see A. Benjdia, 1009  
 Racchetti, G. see I. Prada, 4932  
 Racchumi, G. see K. Hochrainer, 5493  
 Rachwal, P.A., T. Brown and K.R. Fox, Sequence effects of single base loops in intramolecular quadruplex DNA, 1657  
 Radosavljevic, M. see V. Rolli, 394  
 Radziwill, G. see J. Keyser, 5349  
 Radziwill, G. see A. Weiss, 5131  
 Rae, C., S.A. Robertson, J.M.W. Taylor and A. Graham, Resistin induces lipolysis and re-esterification of triacylglycerol stores, and increases cholesteryl ester deposition, in human macrophages, 4877  
 Raghunath, M. see R.R. Lareu, 2709  
 Raghuraj, R. and S. Lakshminarayanan, VPMCD: Variable interaction modeling approach for class discrimination in biological systems, 826  
 Raguz, J., S. Wagner, I. Dikic and D. Hoeller, Suppressor of T-cell receptor signalling 1 and 2 differentially regulate endocytosis and signalling of receptor tyrosine kinases, 4767  
 Rahman, M., H. Nara, T. Onoda, A. Araki, J. Li, T. Hoshino and H. Asao, Cloning and characterization of an isoform of interleukin-21, 4001  
 Raimi, O. see R. Hurtado-Guerrero, 5597  
 Raja, M., R.E.J. Spelbrink, B. de Kruijff and J.A. Killian, Phosphatidic acid plays a special role in stabilizing and folding of the tetrameric potassium channel KcsA, 5715  
 Rajagopalan, R. see R.R. Lareu, 2709  
 Rajeswari, M.R. see V. Swarup, 795  
 Rakhimberdieva, M.G., Y.V. Bolychevtseva, I.V. Elanskaya and N.V. Karapetyan, Protein-protein interactions in carotenoid triggered quenching of phycobilisome fluorescence in *Synechocystis* sp. PCC 6803, 2429  
 Rakugi, H. see T. Yotsui, 427  
 Ralston, K.J. see R.F. Thorne, 1227  
 Ramarao, N., C. Le Clainche, T. Izard, R. Bourdet-Sicard, E. Ageron, P.J. Sansonetti, M.-F. Carlier and G. Tran Van Nhieu, Capping of actin filaments by vinculin activated by the *Shigella* IpaA carboxyl-terminal domain, 853  
 Ramasamy, S.K. see F. Vauti, 5691  
 Ramey, G., A. Faye, B. Durel, B. Viollet and S. Vaulont, Iron overload in *Hepcl*<sup>−/−</sup> mice is not impairing glucose homeostasis, 1053  
 Ramos, S. see J. Riera, 3057  
 Rampino, P. see M. Gulli, 4841  
 Ramu, P., R. Tanskanen, M. Holmberg, K. L  htenm  ki, T.K. Korhonen and S. Meri, The surface protease PgtE of *Salmonella enterica* affects complement activity by proteolytically cleaving C3b, C4b and C5, 1716  
 Randell, S.H. see G.E. Conner, 271  
 Randriantoa, M., S. Drouillard, C. Breton and E. Samain, Synthesis of globopentaose using a novel  $\beta$ 1,3-galactosyl transferase activity of the *Haemophilus influenzae*  $\beta$ 1,3-N-acetylgalactosaminyltransferase LgtD, 2652  
 Ranran, W. see Z. Changwei, 2670  
 Ransford, G.A. see M.-C. Nlend, 3241  
 Rapista, A. see T.L. Chang, 4596  
 Rapizzi, E. see C. Donati, 4384  
 Rapoport, T. see E. Or, 2616  
 Rappuoli, R. see E. Balducci, 4199  
 Rashid, I., D.M. van Reyk and M.J. Davies, Carnosine and its constituents inhibit glycation of low-density lipoproteins that promotes foam cell formation in vitro, 1067

- Rasmussen, H.B. see J.R. Bjelke, 71
- Rath, A. and C.M. Deber, Membrane protein assembly patterns reflect selection for non-proliferative structures, 1335
- Rath, O., A. Himmler, A. Baum, W. Sommergruber, H. Beug and T. Metz, c-Myc is required for transformation of FDC-P1 cells by EGFRvIII, 2549
- Raza, H. see J.-K. Fang, 1302
- Razumova, M.V. see J.F. Shaffer, 1501
- Rebière, B. see C. Roustan, 681
- Rebollo, A. see A. Ghadiri, 1605
- Redemann, N. see R. Grempler, 5885
- Reeve, S. see S. Kuruppu, 4501
- Refojo, P.N. see M.M. Pereira, 4831
- Regalla, M. see F.M.A. Valente, 3341
- Regel, E.J. see P.D. McLaughlin, 1425
- Regeling, A. see J. de Keyser, 1859
- Regnier, M. see J.F. Shaffer, 1501
- Rehman, J. see C.A. Opitz, 4927
- Rehwinkel, J. see I. Behm-Ansmant, 2845
- Reichelt, M. see J.C. D'Auria, 872
- Reid, C.W., B.A. Legaree and A.J. Clarke, Role of Ser216 in the mechanism of action of membrane-bound lytic transglycosylase B: Further evidence for substrate-assisted catalysis, 4988
- Reid, G.A. see S.J. Atkinson, 3805
- Reigadas, S. see C. Di Primo, 771
- Reilly, C. see C.M. Ethen, 885
- Reimann, A. see A. Ghadiri, 1605
- Reinheckel, T. see L. Bojčić, 5185
- Reinke, S.O. and S. Hinderlich, Prediction of three different isoforms of the human UDP-N-acetylglucosamine 2-epimerase/N-acetylmannosamine kinase, 3327
- Relling, V.M. see M.A. Mussi, 5573
- Remaud-Simeon, M. see S. Suwannarangsee, 4675
- Ren, J. see M.Z. Cader, 2959
- Ren, Q.-G., X.-M. Liao, X.-Q. Chen, G.-P. Liu and J.-Z. Wang, Effects of tau phosphorylation on proteasome activity, 1521
- Rensink, I. see S. Zeerleder, 5382
- Rentsch, D., S. Schmidt and M. Tegeder, Transporters for uptake and allocation of organic nitrogen compounds in plants, 2281
- Resink, T.J. see S. Ghosh, 4523
- Reus, M. see G.T. Oostergetel, 5435
- Reuter, N. see E. Hajjar, 5685
- Reutter, W. see K. Bork, 4195
- Rexroth, S. see H.J. Schwabmann, 1391
- Rey, P. see C. Vieira Dos Santos, 4371
- Reyes-Duarte, D. see N. López-Cortés, 4657
- Reyes, K. see C.M. Sandoval, 5464
- Rhee, H.-I. see S.-R. Won, 4999
- Rhim, B.Y. see S.J. Lee, 4189
- Riba, R. see N.G. Oberprieler, 2574
- Rice, J.C. see S. Wu, 3289
- Richard-Forget, F. see N. Ponts, 443
- Richard, S.B. see Y. Haagen, 2889
- Richter, D. see M. Christenn, 5173
- Rickwood, D. see A.L. Dahler, 3839
- Ricquier, D. see S. Rousset, 479
- Rdinger, M. see V. Salone, 4132
- Riebe, O., R.-J. Fischer and H. Bahl, Desulfoferrodoxin of *Clostridium acetobutylicum* functions as a superoxide reductase, 5605
- Riera, J., R. Rodriguez, M.T. Carcedo, V.M. Campa, S. Ramos and P.S. Lazo, Isolation and characterization of *nudC* from mouse macrophages, a gene implicated in the inflammatory response through the regulation of PAF-AH(I) activity, 3057
- Rieu, P. see S. Jaisson, 1509
- Rmer, P. see J.M. Knott, 3081
- Rimmer, K.A. see A. Koay, 5055
- Rimmerman, N. see C.A. Opitz, 4927
- Ripoli, M. see C. Piccoli, 3111
- Rivoal, J. see H. Germain, 5137
- Roat, E., N. Prada, R. Ferraresi, C. Giovanzana, M. Nasi, L. Troiano, M. Pinti, E. Nemes, E. Lugli, O. Biagioni, M. Mariotti, L. Ciacci, U. Consolo, F. Balli and A. Cossarizza, Mitochondrial alterations and tendency to apoptosis in peripheral blood cells from children with Down syndrome, 521
- Robaglia, C. see M. Nicola, 3921
- Roberts, W. see N.G. Oberprieler, 1529
- Roberts, W. see N.G. Oberprieler, 2574
- Robertson, R.P. and J.S. Harmon, Pancreatic islet  $\beta$ -cell and oxidative stress: The importance of glutathione peroxidase, 3743
- Robertson, S.A. see C. Rae, 4877
- Robinson, N.C. see P. Lemma-Gray, 437
- Robinson, P. see S.E. Perry, 1137
- Roca, M., B. Messer and A. Warshel, Electrostatic contributions to protein stability and folding energy, 2065
- Rochaix, J.-D., Role of thylakoid protein kinases in photosynthetic acclimation, 2768
- Rock, C.O. see R. Leonardi, 4639
- Roder, K., L. Zhang and M. Schweizer, SREBP-1c mediates the retinoid-dependent increase in fatty acid synthase promoter activity in HepG2, 2715
- Rodesch, M.J. see D.C. Nelson, 3363
- Rodgarkia-Dara, C.J. see K.W. Sommer, 4921
- Rodikova, E.A., O.V. Kovalevskiy, S.G. Mayorov, Z.I. Budarina, V.V. Marchenkov, B.S. Melnik, A.P. Leech, D.V. Nikitin, M.G. Shlyapnikov and A.S. Solonin, Two HlyIIR dimers bind to a long perfect inverted repeat in the operator of the hemolysin II gene from *Bacillus cereus*, 1190
- Rodrigues-Pousada, C. see D. Azevedo, 187
- Rodrigues-Pousada, C. see M. Broco, 4397
- Rodríguez, R. see J. Riera, 3057
- Rodríguez, C. see M. Nicola, 3921
- Rodríguez, F.I. see B.M. Binder, 5105
- Roh, V. see S. Sibold, 989
- Rohde, M. see M. Dugaard, 3702
- Rokov-Plavec, J. see I. Gruic-Sovulj, 5110
- Rolland, N. see M. Nicola, 3921
- Rolli, V., M. Radosavljevic, V. Astier, C. Macquin, I. Castan-Laurell, V. Visentin, C. Guigné, C. Carpené, P. Valet, S. Gilfillan and S. Bahram, Lipolysis is altered in MHC class I zinc- $\alpha_2$ -glycoprotein deficient mice, 394
- Romeo, R. see N. Mitro, 1721
- Romeo, Y., J. Bouvier and C. Gutierrez, Osmotic regulation of transcription in *Lactococcus lactis*: Ionic strength-dependent binding of the BusR repressor to the *busA* promoter, 3387
- Roncato, M.-A. see M. Nicola, 3921
- Ronchetti, M.F. see E.M. Furrer, 572
- Rong, Z. see B. Sun, 3277
- Rosato, R.R. see G.P. Colo, 5075
- Röse, U.S.R. see H. Lühring, 5361
- Rose, D.R. see Z. Ao, 2381
- Rosen, B.P. see J. Ye, 3996
- Rosen, G.D. see D. Upadhyay, 248
- Rosen, G.D. see J. Zhang, 4148
- Rosen, G.D. see J. Zhang, 5315
- Rosi, A. see S. Grande, 637
- Roskelley, C.D. see M.L. Graves, 1825
- Ross, H.H. and H.L. Fillmore, Identification of a novel human MT5-MMP transcript variant in multipotent NT2 cells, 5923
- Rossi, G. see P. Brennwald, 2119
- Rossi, R., J.M. Pester, M. McDowell, S. Soza, A. Montecucco and K.K. Lee-Fruman, Identification of S6K2 as a centrosome-located kinase, 4058
- Rossi, S. see A. Fanzani, 5099
- Rothballer, A., N. Tzvetkov and P. Zwickl, Mutations in p97/VCP induce unfolding activity, 1197
- Rother, K., M. Dengl, J. Lorenz, K. Tschöp, R. Kirschner, J. Mössner and K. Engeland, Gene expression of *cyclin-dependent kinase subunit Cks2* is repressed by the tumor suppressor p53 but not by the related proteins p63 or p73, 1166
- Rothwell, L. see S.M. Harrison, 1275
- Rouhier, N. see C. Vieira Dos Santos, 4371
- Rousset, J.-P. see O. Namy, 5282
- Rousset, S., J. Mozo, G. Dujardin, Y. Emre, S. Masscheleyn, D. Ricquier and A.-M. Cassard-Doulcier, UCP2 is a mitochondrial transporter with an unusual very short half-life, 479
- Roustan, C., I. Ferjani, S.K. Maciver, A. Fattoum, B. Rebière and Y. Benyamin, Calcium-induced conformational changes in the amino-terminal half of gelsolin, 681
- Rowland, O., R. Lee, R. Franke, L. Schreiber and L. Kunst, The *CER3* wax biosynthetic gene from *Arabidopsis thaliana* is allelic to *WAX2/YRE/FLP1*, 3538
- Roy, D. see M. Banerjee, 5019
- Roy, H.K., R.K. Wali, Y. Kim, Y. Liu, J. Hart, D.P. Kunte, J.L. Koetsier, M.J. GoldbergV. Backman, Inducible nitric oxide synthase (iNOS) mediates the early increase of blood supply (EIBS) in colon carcinogenesis, 3857
- Roy, S. and A.K. Dasgupta, Controllable self-assembly from fibrinogen-gold (fibrinogen-Au) and thrombin-silver (thrombin-Ag) nanoparticle interaction, 5533
- Roy, S. see S. Basak, 5825

- Ruban, A.V. see B. van Oort, 3528  
 Rubio-Teixeira, M., Corrigendum to "Urmylation controls Nhlp and Gln3p-dependent expression of nitrogen-catabolite repressed genes in *Saccharomyces cerevisiae*" [FEBS Lett. 581 (2007) 541–550], 1079  
 Rubio-Teixeira, M., Urmylation controls Nhlp and Gln3p-dependent expression of nitrogen-catabolite repressed genes in *Saccharomyces cerevisiae*, 541  
 Ruckerbauer, S. see T. Proikas-Cezanne, 3396  
 Rudloff, I. see C. Di Primo, 771  
 Rudolph, R. see A. Hauburger, 4159  
 Rufer, A.C., A. Lomize, J. Benz, O. Chomienne, R. Thoma and M. Hennig, Carnitine palmitoyltransferase 2: Analysis of membrane association and complex structure with a substrate analog, 3247  
 Ruffell, D., Spotlight on... Ned Mantei, 3333  
 Ruffell, D., Featuring... Dr. Noboru Mizushima. Winner of the 2007 *FEBS Letters* Young Scientist Award, 2750  
 Ruffell, D., Spotlight on... Barry Halliwell, 5017  
 Ruiz-Sanz, J. see J.M. Martín-García, 1701  
 Ruiz-Vela, A. and S.J. Korsmeyer, Proapoptotic histone H1.2 induces CASP-3 and -7 activation by forming a protein complex with CYT c, APAF-1 and CASP-9, 3422  
 Ruiz, A.M. see M. Galindo, 2022  
 Ruiz, P. see F. Vauti, 5691  
 Runswick, M.J. see R. Chen, 3145  
 Russell, B. see S.E. Senyo, 4241  
 Russell, D.H. see F.S. Senocak, 5865  
 Russell, M.W. see A.L. Bowman, 1549  
 Russell, R.B. see M.J. Betts, 2870  
 Russell, W.K. see F.S. Senocak, 5865  
 Ryan, P.R. see E. Delhaize, 2255  
 Ryazantsev, S., N. Abuladze, D. Newman, G. Bondar, I. Kurtz and A. Pushkin, Structural characterization of dimeric murine aminoacylase III, 1898  
 Ryu, S.H. see M.-K. Kim, 1917

## S

- Sedek, M. see J. Kamińska, 5371  
 Sabaj, V. see M. Galindo, 2022  
 Saccone, S. see G. D'Onofrio, 5819  
 Sadat Hayatshahi, S.H., P. Abdolmaleki, M. Ghiasi and S. Safarian, QSARs and activity predicting models for competitive inhibitors of adenosine deaminase, 506  
 Sadat, S. see X. Bai, 4681  
 Saeki, M. see K. Takata, 475  
 Saez, E. see N. Mitro, 1721  
 Safarian, S. see S.H. Sadat Hayatshahi, 506  
 Saftig, P. see C. Wehling, 1594  
 Saga, Y., Y. Hirai and H. Tamiaki, Kinetic analysis of demetalation of bacteriochlorophyll *c* and *e* homologs purified from green sulfur photosynthetic bacteria, 1847  
 Sagan, S.M. see R. Koukikolo, 3051  
 Sage, C. see D. Scheffer, 4651  
 Saha, S.K. see I. Chanda, 5751  
 Sahin, U. and C.P. Blobel, Ectodomain shedding of the EGF-receptor ligand epigen is mediated by ADAM17, 41  
 Saini, N. see A. Goel, 2447  
 Saito, K. see I. Friedberg, 2527  
 Saito, R. see K. Arakawa, 253  
 Saito, R. see M. Matsui, 4184  
 Saito, T. see A. Ishii, 4711  
 Saito, Y., Y. Yoshida and E. Niki, Cholesterol is more susceptible to oxidation than linoleates in cultured cells under oxidative stress induced by selenium deficiency and free radicals, 4349  
 Sakaguchi, K. see T. Tanno, 1022  
 Sakai, A. see N. Hiraga, 1983  
 Sakai, H. see Y. Matsumura, 3139  
 Sakai, T. see T. Hitomi, 1087  
 Sakai, Y. see S. Kawasaki, 2460  
 Sakai, Y. see N. Hiraga, 1983  
 Sakamoto, N. see T. Yamamoto, 5234  
 Sakane, F. see S. Yasuda, 551  
 Sakata, Y. see S. Kanaji, 4260  
 Sakigi, Y. see K.-i. Hayashi, 2748  
 Saksela, K. see M. Hiipakka, 1735  
 Sakuradani, E. see S. Zhang, 315  
 Salathe, M. see G.E. Conner, 271  
 Salathe, M. see M.-C. Nlend, 3241  
 Saleki, K. see A.J. Lemm, 1819  
 Salgado, H., A. Martínez-Antonio and S.C. Janga, Conservation of transcriptional sensing systems in prokaryotes: A perspective from *Escherichia coli*, 3499  
 Salim, S., B. Hite and D.C. Eikenburg, Activation of the CRF<sub>1</sub> receptor causes ERK1/2 mediated increase in GRK3 expression in CATH.a cells, 3204  
 Salinas, T. see J. Hammargren, 3507  
 Salmon, M. see S. Lax, 3550  
 Salone, V., M. Rdinger, M. Polsakiewicz, B. Hoffmann, M. Groth-Malonek, B. Szurek, I. Small, V. Knoop and C. Lurin, A hypothesis on the identification of the editing enzyme in plant organelles, 4132  
 Salvi, M., N.A. Morrice, A.M. Brunati and A. Toninello, Identification of the flavoprotein of succinate dehydrogenase and aconitase as in vitro mitochondrial substrates of Fgr tyrosine kinase, 5579  
 Salzameda, B. see C.M. Sandoval, 5464  
 Samad, M.A., M. Okuwaki, H. Haruki and K. Nagata, Physical and functional interaction between a nucleolar protein nucleophosmin/B23 and adenovirus basic core proteins, 3283  
 Samain, E. see M. Randrianosa, 2652  
 Samejima, M. see Y. Nijikken, 1514  
 Samuels, S. see L. Bao, 5703  
 San Gabriel, A.M., T. Maekawa, H. Uneyama, S. Yoshie and K. Torii, mGluR1 in the fundic glands of rat stomach, 1119  
 Sanakis, Y. see M. Sendra, 1362  
 Sánchez-Martínez, C. see O.H. Martínez-Costa, 3033  
 Sánchez, M. see I. Esteban, 3415  
 Sánchez, V. see O.H. Martínez-Costa, 3033  
 Sanchis, D. see J. Zhang, 5781  
 Sandnes, D. see J.H. Norum, 15  
 Sandoval, C.M., B. Salzameda, K. Reyes, T. Williams, V.S. Hohman and L.A. Plesniak, Anti-obesity and anti-tumor pro-apoptotic peptides are sufficient to cause release of cytochrome *c* from vesicles, 5464  
 Sandoval, J.C. see H. Oku, 5029  
 Sang, Y., J.M. Barbosa, H. Wu, R.D. Locy and N.K. Singh, Identification of a pyridoxine (pyridoxamine) 5'-phosphate oxidase from *Arabidopsis thaliana*, 344  
 Sano, M. see A. Okumura, 5255  
 Sansonetti, P.J. see N. Ramarao, 853  
 Santabarbara, S., M. Chen, A.W.D. Larkum and M.C.W. Evans, An electron paramagnetic resonance investigation of the electron transfer reactions in the chlorophyll *d* containing photosystem I of *Acar-yochloris marina*, 1567  
 Santini, M.T. see P. Indovina, 719  
 Santos, F., J.L. Vera, P. Lamosa, G.F. de Valdez, W.M. de Vos, H. Santos, F. Sesma and J. Hugenholtz, Pseudovitamin B<sub>12</sub> is the corrinoid produced by *Lactobacillus reuteri* CRL1098 under anaerobic conditions, 4865  
 Santos, H. see F. Santos, 4865  
 Santos, S.G. see A.N. Antoniou, 1988  
 Sanz, J.M. see B. Maestro, 375  
 Sapora, O. see S. Grande, 637  
 Saraiva, L.M. see S.A.L. Lobo, 433  
 Saras, J., M. Grönberg, M. Stridsberg, K.E. Öberg and E.T. Janson, Somatostatin induces rapid contraction of neuroendocrine cells, 1957  
 Sargent, F. see G.L. Orriss, 4091  
 Sarić, M., X. Zhao, C. Körner, C. Nowak, J. Kuhlmann and I.R. Vetter, Structural and biochemical characterization of the Importin-β · Ran · GTP · Ran BD1 complex, 1369  
 Sarkar, F.H. see B. Bao, 4507  
 Saruwatari, K. see S. Sugimoto, 2993  
 Sasagawa, I. see M.K. Kaneko, 331  
 Sasagawa, Y., S. Sato, T. Ogura and A. Higashitani, *C. elegans* RBX-2-CUL-5- and RBX-1-CUL-2-based complexes are redundant for oogenesis and activation of the MAP kinase MPK-1, 145  
 Sasai, M. see T. Akazawa, 3334  
 Sasaki, A. see T. Kajiume, 4645  
 Sasaki, M. see Y. Matsumura, 3139  
 Sasaki, T. see M. Tamura, 4533  
 Sasse, F. see B. Kunze, 3523  
 Sato, I. see R. Banno, 1131  
 Sato, I., H. Arima, N. Ozaki, N. Ozaki, M. Watanabe, M. Goto, H. Shimizu, M. Hayashi, R. Banno, H. Nagasaki and Y. Oiso, Periph-

- erally administered baclofen reduced food intake and body weight in *dbldb* as well as diet-induced obese mice, 4857
- Sato, K. and A. Nakano, Mechanisms of COPII vesicle formation and protein sorting, 2076
- Sato, M. see T. Takenouchi, 3019
- Sato, M. see S. Ohnishi, 462
- Sato, N. see K. Sugimoto, 4519
- Sato, S. see Y. Sasagawa, 145
- Sato, T. see M. Kuwabara, 4821
- Satoh, J. see S. Kawasaki, 2460
- Satoh, T. see S. Kawasaki, 2460
- Satterlee, J.D. see A. Mokdad, 4512
- Sauer, N., Molecular physiology of higher plant sucrose transporters, 2309
- Saulière, J. see I. Behm-Ansmant, 2845
- Saumet, A. see T. Claudel, 3626
- Saunders, N.A. see A.L. Dahler, 3839
- Saunus, J.M., S.L. Edwards, J.D. French, C.E. Smart and M.A. Brown, Regulation of *BRC1* messenger RNA stability in human epithelial cell lines and during cell cycle progression, 3435
- Sawasaki, T. see H. Germain, 5137
- Sawers, R.G. see L. Forzi, 3317
- Sayan, E. see S.M. Soond, 1217
- Scemes, E. see S. Locovei, 483
- Schäfer, A. see U. Linne, 905
- Shagina, L.V. see O.S. Ostroumova, 804
- Scharenberg, A.M. see P. Liu, 1377
- Scharff-Poulsen, A.M. see H. Gu, 579
- Scheek, R. see B. de Vries, 5627
- Scheel, H. see M. Garzón, 3189
- Scheffer, D., C. Sage, D.P. Corey and V. Pingault, Gene expression profiling identifies *Hes6* as a transcriptional target of ATOH1 in cochlear hair cells, 4651
- Scheij, S.S. see M. van Eijk, 5389
- Schelbert, S. see N. Schenk, 5517
- Schenk, N., S. Schelbert, M. Kanwischer, E.E. Goldschmidt, P. Dörmann and S. Hörtensteiner, The chlorophyllases AtCLH1 and AtCLH2 are not essential for senescence-related chlorophyll breakdown in *Arabidopsis thaliana*, 5517
- Scherer, G.F.E., M. Zahn, J. Callis and A.M. Jones, A role for phospholipase A in auxin-regulated gene expression, 4205
- Schleiff, E. see M. Oreb, 5945
- Schlesinger, R. see N. Mennes, 1487
- Schliebs, W. see W.A. Stanley, 4795
- Schliess, F. see B. Görg, 84
- Schlitter, J. see C. Burisch, 741
- Schlitter, J. see H. te Heesen, 5677
- Schmid, A. see M.-C. Nlend, 3241
- Schmid, M.A. see T. Eiseler, 4279
- Schmidt, B. see B. Schröder, 102
- Schmidt, E., S.M. Kelly and C.F. van der Walle, Tight junction modulation and biochemical characterisation of the zonula occludens toxin C-and N-termini, 2974
- Schmidt, L. see H. Lühring, 5361
- Schmidt, S. see D. Rentsch, 2281
- Schmidt, T.J. see S. Hemmati, 603
- Schmitt, H.D. see Y. Li, 5698
- Schneider, D. see C. Dreher, 2647
- Schneider, T. see E.M. Tapernoux-Lüthi, 1811
- Schoefs, B. see H. Nziengui, 3356
- Schoofs, L. see S.J. Husson, 4288
- Schreiber, L. see O. Rowland, 3538
- Schreiber, M. see K. Aigner, 1617
- Schreier, S. see L.G. de Deus Teixeira, 2411
- Schreiner, C. see K.W. Sommer, 4921
- Schröder, B., H.-P. Elsässer, B. Schmidt and A. Hasilik, Characterisation of lipofuscin-like lysosomal inclusion bodies from human placenta, 102
- Schroeder, J.I. see U.-I. Flügge, 2203
- Schuelke, M. see T. Zemotjel, 2072
- Schulz, G.E. see D. Grueninger, 3127
- Schulz, S. see M. Christenn, 5173
- Schumacher, K. see R.A. Gaxiola, 2204
- Schurdi-Levraud, V. see V. Nicaise, 1041
- Schwake, M. see C. Wehling, 1594
- Schwanninger, M. see J. Vlasits, 320
- Schwarz, E. see A. Hauburger, 4159
- Schwaßmann, H.J., S. Rexroth, H. Seelert and N.A. Dencher, Metalloprotein controls dimerization of the chloroplast  $F_0F_1$  ATP synthase in *Chlamydomonas reinhardtii*, 1391
- Schweifer, N. see K. Aigner, 1617
- Schweizer, M. see K. Roder, 2715
- Sciot, R. see R. Pourebrahim, 5122
- Scott, K. see S. Ahn, 3455
- Scrima, R. see C. Piccoli, 3111
- Sechi, M. see L.Q. Al-Mawsawi, 1151
- Sediva, A. see P. Flachs, 1093
- Seeber, M. see D. Dell'Orco, 944
- Seedorf, M. see A. Franz, 401
- Seedorf, U. see T. Engel, 1673
- Seelert, H. see H.J. Schwaßmann, 1391
- Seibeck, S., B. Borucki, H. Otto, K. Inomata, H. Khawn, H. Kinoshita, N. Michael, T. Lamparter and M.P. Heyn, Locked 5Zs-biliverdin blocks the Meta- $R_A$  to Meta- $R_C$  transition in the functional cycle of bacteriophytochrome Agp1, 5425
- Seibenhener, M.L., T. Geetha and M.W. Wooten, Sequestosome 1/p62 – More than just a scaffold, 175
- Seidah, N.G. see A. Pasquato, 5807
- Seidel, R. see N. Mennes, 1487
- Seitz, C., S. Ameres and G. Forkmann, Identification of the molecular basis for the functional difference between flavonoid 3'-hydroxylase and flavonoid 3',5'-hydroxylase, 3429
- Sekine, O. see T. Takemoto, 218
- Sell, H. see L. Zhou, 4303
- Selzer, A. see Y. Tsfadia, 1243
- Semba, K. see E. Ito, 3909
- Sendra, M., S. Ollagnier de Choudens, D. Lascoux, Y. Sanakis and M. Fontecave, The SUF iron-sulfur cluster biosynthetic machinery: Sulfur transfer from the SUFS-SUFE complex to SUFA, 1362
- Senese, R. see A. Lombardi, 5911
- Senesi, S. see M. Csala, 1693
- Senior, A.E. see I. Carrier, 301
- Senocak, F.S., Y. Si, C. Moya, W.K. Russell, D.H. Russell, K. Lee and A. Jayaraman, Effect of uncoupling protein-1 expression on 3T3-L1 adipocyte gene expression, 5865
- Sentenac, H. see A. Lebaudy, 2357
- Senyo, S.E., Y.E. Koshman and B. Russell, Stimulus interval, rate and direction differentially regulate phosphorylation for mechanotransduction in neonatal cardiac myocytes, 4241
- Seo, M.-D., S.J. Park, H.-J. Kim and B.J. Lee, Identification of the WW domain-interaction sites in the unstructured N-terminal domain of EBV LMP 2A, 65
- Seong, E.-Y. see J.S. Lee, 57
- Seong, K.M., J.-H. Baek, M.-H. Yu and J. Kim, Rpn13p and Rpn14p are involved in the recognition of ubiquitinated Gcn4p by the 26S proteasome, 2567
- Seppen, J. see C. Vrins, 4616
- Sepuri, N.B. see J.-K. Fang, 1302
- Serimaa, R. see G.R. Szilvay, 2721
- Serre, L. see M. Damian, 1944
- Seshadri, V. see B. Muralidharan, 4103
- Seshasayee, A.S.N. see J.J. James, 4377
- Sesma, F. see F. Santos, 4865
- Sethi, P.R. see M.A. Clark, 764
- Sevcik, J., R. Skrabana, R. Dvorsky, N. Csokova, K. Iqbal and M. Novak, X-ray structure of the PHF core C-terminus: Insight into the folding of the intrinsically disordered protein tau in Alzheimer's disease, 5872
- Seya, T. see T. Akazawa, 3334
- Shabala, S., T.A. Cuin and I. Pottosin, Polyamines prevent NaCl-induced  $K^+$  efflux from pea mesophyll by blocking non-selective cation channels, 1993
- Shaffer, J.F., M.V. Razumova, A.-Y. Tu, M. Regnier and S.P. Harris, Myosin S2 is not required for effects of myosin binding protein-C on motility, 1501
- Shah, K. see S. Kim, 1209
- Shaikh, F.A., J. Müllegger, S. He and S.G. Withers, Identification of the catalytic nucleophile in Family 42  $\beta$ -galactosidases by intermediate trapping and peptide mapping: YesZ from *Bacillus subtilis*, 2441
- Shalak, V. see M. Kaminska, 3105
- Shao, Z. see W. Jin, 3826
- Sharma, B. see N.S. Hwang, 4172
- Sharma, V. see K. Tikoo, 1071
- Sharma, V. see K. Tikoo, 2027
- Sharrocks, A.D. see P.D. Thompson, 1233
- Shayeghi, M. see C.A. Cooper, 2599
- Sheldon, T.J., I. Miguel-Aliaga, A.P. Gould, W.R. Taylor and D. Conklin, A novel family of single VWC-domain proteins in invertebrates, 5268

- Shen, D., K. Liang, Y. Ye, E. Tetteh and S. Achilefu, Modulation of nuclear internalization of Tat peptides by fluorescent dyes and receptor-avid peptides, 1793
- Shen, J.-R. see A. Okumura, 5255
- Shen, J.-R. see K. Kawakami, 4983
- Shen, P. see C. Chen, 5143
- Shen, S. see L. Cao, 5526
- Sheng, Y., Z. Zeng, W. Peng, D. Jiang, S. Li, Y. Sun and J. Zhang, Design and switch of catalytic activity with the DNAzyme-RNAzyme combination, 1763
- Shepardson, S.P. see R. Chakrabarti, 5213
- Shepherd, S. see R. Hurtado-Guerrero, 5597
- Sheppard, K. see S. Namgoong, 309
- Sheridan, M.A. see N.M. Very, 4773
- Sherman, M., V. Gabai, C. O'Callaghan and J. Yaglom, Molecular chaperones regulate p53 and suppress senescence programs, 3711
- Sherman, M.Y., V. Gabai, C. O'Callaghan and J. Yaglom, Corrigendum to "Molecular chaperones regulate p53 and suppress senescence programs" [FEBS Lett. 581 (2007) 3711-3715], 5732
- Sherman, T. see B. Kaplan, 2237
- Shi, L. see Y. Fan, 2557
- Shi, Y. see M. Ljubkovic, 4255
- Shi, Y.-F., C.-C. Fong, Q. Zhang, P.-Y. Cheung, C.-H. Tzang, R.S.S. Wu and M. Yang, Hypoxia induces the activation of human hepatic stellate cells LX-2 through TGF- $\beta$  signaling pathway, 203
- Shibano, T., M. Takeda, I. Suetake, K. Kawakami, M. Asashima, S. Tajima and M. Taira, Recombinant Tol2 transposase with activity in *Xenopus* embryos, 4333
- Shibata, H. see N. Arakaki, 3405
- Shibata, T. see T. Yamamoto, 5234
- Shibayama, S. see R. Kikuchi, 1800
- Shichida, Y. see M. Torii, 5327
- Shie, J.-J. see C.-C. Lee, 5454
- Shigeyoshi, Y. see I. Yamanaka, 4098
- Shikano, S. see D. Ma, 1000
- Shim, J.W., M. Yang and L.-Q. Gu, In vitro synthesis, tetramerization and single channel characterization of virus-encoded potassium channel Kcv, 1027
- Shimada, M. see T. Watanabe, 1788
- Shimada, Y. see M. Inomata, 3039
- Shimizu, H. see I. Sato, 4857
- Shimizu, J. see M. Inomata, 3039
- Shimizu, S. see S. Zhang, 315
- Shimizu, T. see M. Martinkova, 4109
- Shimohama, S. see K. Takata, 475
- Shimoi, H. see H. Kitagaki, 2935
- Shimokado, K. see M. Tani, 4621
- Shimomura, I. see H. Oku, 5029
- Shin, C.S. see S.J. Myung, 2954
- Shin, H.-H., J.-E. Lee and H.-S. Choi, Absence of 4-1BB increases cell influx into the peritoneal cavity in response to LPS stimulation by decreasing macrophage IL-10 levels, 4355
- Shin, J. see H.-O. Jun, 4977
- Shin, J.-C. see J.-M. Ha, 2663
- Shin, J.-G. see E.H. Han, 749
- Shin, S.Y. see S.-T. Yang, 157
- Shindo, K. see K.-M. Chen, 4761
- Shingai, M. see T. Akazawa, 3334
- Shinkarev, V.P. and C.A. Wraight, Intermonomer electron transfer in the  $bc_1$  complex dimer is controlled by the energized state and by impaired electron transfer between low and high potential hemes, 1535
- Shiozaki, I. see M. Tamura, 4533
- Shirahama-Noda, K. see Y. Morita, 1417
- Shirahama-Noda, K. see Y. Morita, 3579
- Shirai, M. see H. Hiura, 1255
- Shirai, M. see T. Yoshimura, 1495
- Shirouzu, M. see S. Ohnishi, 462
- Shitamara, A. see Y. Takano, 421
- Shitan, N. see T. Watanabe, 1788
- Shkolnik, K., S. Ben-Dor, D. Galiani, A. Hourvitz and N. Dekel, A novel ovary-specific and ovulation-associated variant of epoxide hydrolase 2, 4891
- Shkuropatov, A.Ya. see T.Y. Fufina, 5769
- Shlyapnikov, M.G. see E.A. Rodikova, 1190
- Shoun, H. see Y. Nijikken, 1514
- Shoyama, Y. see F. Taura, 2929
- Shoyama, Y. see F. Taura, 2929
- Shrivastava, R., A.K. Ghosh and A.K. Das, Probing the nucleotide binding and phosphorylation by the histidine kinase of a novel three-protein two-component system from *Mycobacterium tuberculosis*, 1903
- Shukla, D. see V. Tiwari, 4468
- Shum, C.K.Y. see Z.-M. Liu, 2465
- Shuvalov, V.A. see T.Y. Fufina, 5769
- Si, X. see A.L. Hunter, 879
- Si, Y. see F.S. Senocak, 5865
- Sibille, B. see C. Duval, 955
- Sibold, S., V. Roh, A. Keogh, P. Studer, C. Tiffon, E. Angst, S.A. Vorburger, R. Weimann, D. Candinas and D. Stroka, Hypoxia increases cytoplasmic expression of NDRG1, but is insufficient for its membrane localization in human hepatocellular carcinoma, 989
- Sicheri, F. see G.C. Leung, 77
- Sigel, E. see K.R. Tan, 4718
- Sihn, G., T. Walter, J.-C. Klein, I. Queguiner, H. Iwao, C. Nicolau, J.-M. Lehn, P. Corvol and J.-M. Gasc, Anti-angiogenic properties of myo-inositol trispyrophosphate *in ovo* and growth reduction of implanted glioma, 962
- Silveira, C.M. see M.G. Almeida, 284
- Silverman, W.R. and L. Heginbotham, The MlotiK1 channel transports ions along the canonical conduction pore, 5024
- Silvestri, E. see A. Lombardi, 5911
- Sim, L. see Z. Ao, 2381
- Simm, A.M., A.J. Baldwin, K. Busse and D.D. Jones, Investigating protein structural plasticity by surveying the consequence of an amino acid deletion from TEM-1  $\beta$ -lactamase, 3904
- Simón, D. see J.J. Garrido, 1579
- Simon, S. see A.-P. Arrigo, 3665
- Simons, P. see K. Ates, 2727
- Sinanan, A.C.M. see K. Ates, 2727
- Singh, B. see J. Park, 3211
- Singh, N.K. see Y. Sang, 344
- Singh, S., A.K. Upadhyay, A.K. Ajay and M.K. Bhat, p53 regulates ERK activation in carboplatin induced apoptosis in cervical carcinoma: A novel target of p53 in apoptosis, 289
- Sinning, I. see K.F. Stengel, 5671
- Sinning, I. see E. Kowalinski, 4450
- Sirikantaramas, S. see F. Taura, 2929
- Sitia, R. see R. Barouki, 3581
- Sitia, R. see S. Cenci, 3652
- Sjögren, B. and P. Svenningsson, Caveolin-1 affects serotonin binding and cell surface levels of human 5-HT<sub>7(a)</sub> receptors, 5115
- Skrabana, R. see B. Kovacech, 617
- Skrabana, R. see J. Sevcik, 5872
- Slevin, J.T. see C. Zhao, 2140
- Small, I. see V. Salone, 4132
- Smart, C.E. see J.M. Saunus, 3435
- Smirnov, A. see I. Brandina, 4248
- Smith, L. see S. Hoer, 45
- Smith, L.J. see R. Wijesinha-Bettoni, 4557
- Snijckers, C.M. see M.P. Lolkema, 4571
- Šnyderwine, E.G. see A.D. Papaconstantinou, 29
- Šnyrchová, I. see B.B. Fischer, 5555
- Soares, A.F. see B. Zarrouki, 2394
- Soares, C.M. see M. Broco, 4397
- Soave, C. see V. Vazzola, 667
- Sobanov, J. see D. Mechtcheriakova, 3063
- Sobue, K. see T. Yoshio, 3777
- Sobue, S. see R. Kikuchi, 1800
- Sogawa, N. see I. Miyazaki, 5003
- Solano-González, E., E. Burrola-Barraza, C. León-Sicairens, L. Avila-González, L. Gutiérrez-Escolano, J. Ortega-López and R. Arroyo, The trichomonad cysteine proteinase TVCP4 transcript contains an iron-responsive element, 2919
- Soldaini, E. see E. Balducci, 4199
- Solis, G.P. see M.F. Langhorst, 4697
- Söll, D. see S. Namgoong, 309
- Söll, D. see S. Herring, 3197
- Söll, D. see O. Namy, 5282
- Soll, J. see L. Vojta, 2621
- Söllner, T.H., Membrane trafficking, 2075
- Solomon, A. see K. Ates, 2727
- Solonin, A.S. see E.A. Rodikova, 1190
- Somech, E. see A. Kozminsky-Atias, 2478
- Someya, A. see T. Murakami, 140
- Sommer, K.W., C.J. Rodgarkia-Dara, C. Schreiner, K. Holzmann, G. Krupitza and C. Cerni, Oncogenic c-H-ras deregulates survivin expression: An improvement for survival, 4921
- Sommergruber, W. see O. Rath, 2549
- Sommergruber, W. see K. Aigner, 1617

- Song, B.-J. see K.-H. Moon, 3967  
 Song, J.D. see S.E. Park, 180  
 Song, J.K. see D.H. Choi, 1649  
 Song, Y.-H. see X. Bai, 4681  
 Sonnewald, U. see A. Mustroph, 2401  
 Sonnhammer, E.L. see C. Lundin, 5601  
 Sonomoto, K. see S. Sugimoto, 2993  
 Soond, S.M., C. Carroll, P.A. Townsend, E. Sayan, G. Melino, I. Behrmann, R.A. Knight, D.S. Latchman and A. Stephanou, STAT1 regulates p73-mediated *Bax* gene expression, 1217  
 Sorbo, J.G., S.E. Moe and T. Holen, Early upregulation in nasal epithelium and strong expression in olfactory bulb glomeruli suggest a role for Aquaporin-4 in olfaction, 4884  
 Sorice, M. see T. Garofalo, 3899  
 Sormani, R. see M. Nicola, 3921  
 Soucaille, P. see C. Nicolas, 3771  
 Souda, P. see J. Xie, 3545  
 Soza, S. see R. Rossi, 4058  
 Spagnoli, G.C. see S. Ghosh, 4523  
 Špáníková, S. see X.-L. Li, 4029  
 Spanjaard, R.A. see C.N. Mork, 5440  
 Spear, J. see J.-K. Fang, 1302  
 Spector, D. see M.B. Toledano, 4549  
 Spector, D. see M.B. Toledano, 3598  
 Speijer, D. see M. van Eijk, 5389  
 Spelbrink, R.E.J. see M. Raja, 5715  
 Spetz, A.-L. see A. Bergsmédh, 2943  
 Spiegel, S. see P. Mitra, 735  
 Spinedi, A. see C. Limatola, 2641  
 Sponarova, J. see P. Flachs, 1093  
 Spray, D.C. see S. Locovei, 483  
 Spyrapoulos, L. see L. Pastushok, 5343  
 Srivastava, D.K. see B. Ganguly, 5723  
 Stack, C. see S. Kanaji, 4260  
 Staels, B. see B. Cariou, 5191  
 Stagg, L. see M. Perham, 5065  
 Stammers, D.K. see M.Z. Cader, 2959  
 Starnes, M. see H. Hehnly, 2112  
 Stańczak, P., P. Juszczak, Z. Grzonka and H. Kozłowski, The whole hexapeptide repeats domain from avian PrP displays untypical hallmarks in aspect of the Cu<sup>2+</sup> complexes formation, 4544  
 Stanford, W.L. see P.B. Thornhill, 4455  
 Stanley, W.A., K. Fodor, M.A. Marti-Renom, W. Schliebs and M. Wilmanns, Protein translocation into peroxisomes by ring-shaped import receptors, 4795  
 Stapelberg, M. see J. Neuzil, 4611  
 Stapleton, D. see A. Koay, 5055  
 Staswick, P.E. see A. Guranowski, 815  
 Stavridou, I. see D. Sweetman, 4165  
 Steffens, G. see M. Dewor, 4734  
 Stehle, F., W. Brandt, C. Milkowski and D. Strack, Corrigendum to "Structure determinants and substrate recognition of serine carboxypeptidase-like acyltransferases from plant secondary metabolism" [FEBS Lett. 580 (2006) 6366–6374], 164  
 Steiger, M.G. see A.R. Stricker, 3915  
 Stengel, K.F., I. Holdermann, K. Wild and I. Sinning, The structure of the chloroplast signal recognition particle (SRP) receptor reveals mechanistic details of SRP GTPase activation and a conserved membrane targeting site, 5671  
 Stephanou, A. see S.M. Soond, 1217  
 Stephen Huang, S.K. see C.-H. Pan, 526  
 Sterchi, E.E. see Z. Ao, 2381  
 Stewart, D.T. see R. Chakrabarti, 5213  
 Sticht, H. see F. Bauer, 1555  
 Stierhof, Y.-D. see T. Proikas-Cezanne, 3396  
 Stiles, B.G. see M. Gibert, 1287  
 Stoka, V. see B. Turk, 2761  
 Stoka, V. see L. Bojić, 5185  
 Stolz, V. see D.C. Nelson, 3363  
 Stoops, E.H. see J.D. Langer, 2083  
 Stoppani, E. see A. Fanzani, 5099  
 Storvik, M. see S. Asikainen, 5050  
 Strack, D. see F. Stehle, 164  
 Straede, A. and J.J. Heinisch, Functional analyses of the extra- and intracellular domains of the yeast cell wall integrity sensors Mid2 and Wsc1, 4495  
 Straface, E., R. Vona, B. Ascione, P. Matarrese, T. Strudthoff, F. Franconi and W. Malorni, Single exposure of human fibroblasts (WI-38) to a sub-cytotoxic dose of UVB induces premature senescence, 4342  
 Straface, E. see S. Basciani, 5897  
 Strauss, C. see C. Kolly, 1969  
 Stricker, A.R., M.G. Steiger and R.L. Mach, Xyr1 receives the lactose induction signal and regulates lactose metabolism in *Hypocrea jecorina*, 3915  
 Stricker, S. see T. Zemojtel, 2072  
 Stridsberg, M. see J. Saras, 1957  
 Stroka, D. see S. Sibold, 989  
 Strudthoff, T. see E. Straface, 4342  
 Stuart, D.I. see M. Crispin, 1963  
 Stubbs, M.T. see U. Linne, 905  
 Studer, P. see S. Sibold, 989  
 Stuermer, C.A.O. see M.F. Langhorst, 4697  
 Su, C.-C. and E.W. Yu, Corrigendum to "Ligand-transporter interaction in the AcrB multidrug efflux pump determined by fluorescence polarization assay" [FEBS Lett. 581 (2007) 4972–4976], 5548  
 Su, C.-C., H. Nikaido and E.W. Yu, Ligand-transporter interaction in the AcrB multidrug efflux pump determined by fluorescence polarization assay, 4972  
 Su, D. see A. Bérczi, 1505  
 Su, M. see Y. Ni, 707  
 Su, S.-H., M.C. Suarez-Rodriguez and P. Krysan, Genetic interaction and phenotypic analysis of the *Arabidopsis* MAP kinase pathway mutations *mekk1* and *mpk4* suggests signaling pathway complexity, 3171  
 Su, X. see Q. Sun, 3991  
 Suarez-Rodriguez, M.C. see S.-H. Su, 3171  
 Subramanya, K.H. see R.R. Lareu, 2709  
 Suetake, I. see T. Shibano, 4333  
 Suetsugu, N. see T. Kagawa, 368  
 Suga, Y. see N. Ishii, 413  
 Sugama, S. see T. Takenouchi, 3019  
 Suganami, T. see Y. Kamei, 91  
 Sugano, S. see T. Funakoshi, 4910  
 Sugase, K. see N. Yamaji, 3789  
 Sugase, K. see E. Harada, 4298  
 Sugeno, N. see T. Hasegawa, 406  
 Sugimoto, K., N. Sato and M. Tsuzuki, Utilization of a chloroplast membrane sulfolipid as a major internal sulfur source for protein synthesis in the early phase of sulfur starvation in *Chlamydomonas reinhardtii*, 4519  
 Sugimoto, S., C. Higashi, K. Saruwatari, J. Nakayama and K. Sonomoto, A gram-negative characteristic segment in *Escherichia coli* DnaK is essential for the ATP-dependent cooperative function with the co-chaperones DnaJ and GrpE, 2993  
 Sugimoto, T. see Y. Morita, 3579  
 Sugimoto, T. see Y. Morita, 1417  
 Sugino, H., Comparative genomic analysis of the mouse and rat amylase multigene family, 355  
 Sukhija, K.B. see T.A. Hornberger, 4562  
 Sultan, A. see K. Aigner, 1617  
 Sumiyoshi, H. see S. Ohnishi, 3961  
 Sumper, M. see J.M. Knott, 3081  
 Sun, B., S. Zhang, D. Zhang, Y. Liu, Y. Li, Z. Rong, Y. Zhu and X. Jia, Clusterin is associated with spontaneous breast cancer in TA2 mice, 3277  
 Sun, B. see Y. Lin, 5151  
 Sun, M. see X. Zeng, 2509  
 Sun, Q. see X. Dong, 5796  
 Sun, Q., L. Bi, X. Su, K. Tsurugi and K. Mitsui, Valproate induces apoptosis by inducing accumulation of neutral lipids which was prevented by disruption of the *SIR2* gene in *Saccharomyces cerevisiae*, 3991  
 Sun, R. see F. Yu, 3485  
 Sun, Y., H. Yi, P.-F. Zhang, M.-Y. Li, C. Li, F. Li, F. Peng, X.-P. Feng, Y.-X. Yang, F. Yang, Z.-Q. Xiao and Z.-C. Chen, Identification of differential proteins in nasopharyngeal carcinoma cells with p53 silence by proteome analysis, 131  
 Sun, Y. see Y. Sheng, 1763  
 Sun, Y.-X. see X.-L. Dai, 1269  
 Sun, Z. see C. Peng, 1357  
 Sundin, C. see L. Bailey, 587  
 Superti-Furga, G. see H. Feldmann, 2749  
 Surh, Y.J. see K.A. Kang, 2000  
 Sussman and M.P. Samanta, M.R. see D.C. Nelson, 3363  
 Suter, M.M. see C. Kolly, 1969  
 Sutrias-Grau, M. see P. Mani-Telang, 5241  
 Sutto, Z. see M.-C. Nlend, 3241

- Suwannarangsee, S., C. Moulis, G. Potocki-Veronese, P. Monsan, M. Remaud-Simeon and W. Chulalaksananukul, Search for a dextran-sucrose minimal motif involved in dextran binding, 4675
- Suza, W. see A. Guranowski, 815
- Suzuki, D. see A. Miyazono, 5321
- Suzuki, K. and Y. Ohsumi, Molecular machinery of autophagosome formation in yeast, *Saccharomyces cerevisiae*, 2156
- Suzuki, M. see R. Kikuchi, 1800
- Suzuki, S., E.M. Wilson-Kubalek, D. Wert, T.-S. Tsao and D.H. Lee, The oligomeric structure of high molecular weight adiponectin, 809
- Suzuki, T., H. Yoshimura, S. Ehira, M. Ikeuchi and M. Ohmori, An-CrpA, a cAMP receptor protein, regulates *nif*-related gene expression in the cyanobacterium *Anabaena* sp. strain PCC 7120 grown with nitrate, 21
- Suzuki, T., Y. Okamura, A. Arakaki, H. Takeyama and T. Matsunaga, Cytoplasmic ATPase involved in ferrous ion uptake from magnetotactic bacterium *Magnetospirillum magneticum* AMB-1, 3443
- Suzuki, T. see A. Okumura, 5255
- Suzuki, T., S. Usuda, H. Ichinose and S. Inouye, Real-time bioluminescence imaging of a protein secretory pathway in living mammalian cells using *Gussia* luciferase, 4551
- Svatoš, A. see J.C. D'Auria, 872
- Svenningsson, P. see B. Sjögren, 5115
- Svensson, B. see S. Janeček, 1261
- Svensson, S. see K.W. Kim, 995
- Swarup, V. and M.R. Rajeswari, Circulating (cell-free) nucleic acids – A promising, non-invasive tool for early detection of several human diseases, 795
- Swedberg, J.E. see W.M. Huston, 3382
- Sweetman, D., I. Stavridou, S. Johnson, P. Green, S.E.K. Caddick and C.A. Brearley, *Arabidopsis thaliana* inositol 1,3,4-trisphosphate 5/6-kinase 4 (AtITPK4) is an outlier to a family of ATP-grasp fold proteins from *Arabidopsis*, 4165
- Swettenham, E. see J. Neuzil, 4611
- Swistowska, A.M., S. Gronert, S. Wittrock, W. Collisi, H.-J. Hecht and B. Hofer, Identification of structural determinants for substrate binding and turnover by glucosyltransferase R supports the permutation hypothesis, 4036
- Szalay, M.S. see C. Böde, 2776
- Szalay, M.S., I.A. Kovács, T. Korcsmáros, C. Böde and P. Csermely, Stress-induced rearrangements of cellular networks: Consequences for protection and drug design, 3675
- Szczepankowska, D. see K.A. Nalęcz, 3950
- Szilvay, G.R., K. Kisko, R. Serimaa and M.B. Linder, The relation between solution association and surface activity of the hydrophobin HFBI from *Trichoderma reesei*, 2721
- Szurek, B. see V. Salone, 4132

# T

- Tabilio, A. see C. Piccoli, 3111
- Tabler, J. see C. Devader, 5332
- Tabner, B.J. see A. Masad, 3489
- Tacnet, F. see M.B. Toledano, 3598
- Tacnet, F. see M.B. Toledano, 4549
- Tadesse, S. see M.L. Valentino, 3410
- Taira, M. see T. Shibano, 4333
- Tajima, S. see T. Shibano, 4333
- Tajima, Y. see M. Okayama, 4583
- Takada, Y. see D. Xu, 5227
- Takagi, A. see R. Kikuchi, 1800
- Takahashi, H. see D. Liu, 3563
- Takahashi, S. see N. Hiraga, 1983
- Takai, S. see H. Tokuda, 1311
- Takami, M. see A. Miyazono, 5321
- Takano, K. see C. Angkawidjaja, 5060
- Takano, Y., K. Yamauchi, K. Hayakawa, N. Hiramatsu, A. Kasai, M. Okamura, M. Yokouchi, A. Shitamura, J. Yao and M. Kitamura, Transcriptional suppression of nephrin in podocytes by macrophages: Roles of inflammatory cytokines and involvement of the PI3K/Akt pathway, 421
- Takano, Y. see K. Matsumoto, 1599
- Takashima, S., M. Ohno, M. Hidaka, A. Nakamura, H. Masaki and T. Uozumi, Correlation between cellulose binding and activity of

- cellulose-binding domain mutants of *Humicola grisea* cellobiohydrolase 1, 5891
- Takashina, T. and M. Nakayama, Revival of apoptotic cells that display early-stage dynamic membrane blebbing, 4479
- Takata, H., S. Matsunaga, A. Morimoto, R. Ono-Maniwa, S. Uchiyama and K. Fukui, H1.X with different properties from other linker histones is required for mitotic progression, 3783
- Takata, K., Y. Kitamura, D. Yanagisawa, S. Morikawa, M. Morita, T. Inubushi, D. Tsuchiya, S. Chishiro, M. Saeki, T. Taniguchi, S. Shimohama and I. Tooyama, Microglial transplantation increases amyloid- $\beta$  clearance in Alzheimer model rats, 475
- Takaya, K. see A. Hikosaka, 3013
- Takayanagi, N. see K. Matsumoto, 1599
- Takeda, A. see S. Iwasaki, 2455
- Takeda, A. see T. Hasegawa, 406
- Takeda, M. see N. Hiramatsu, 2055
- Takeda, M. see T. Shibano, 4333
- Takeda, S. see T. Igarashi, 2416
- Takeda, S., T. Igarashi and H. Mori, Crystal structure of RVV-X: An example of evolutionary gain of specificity by ADAM proteinases, 5859
- Takemoto, T., Y. Nishio, O. Sekine, C. Ikeuchi, Y. Nagai, Y. Maeno, H. Maegawa, H. Kimura and A. Kashiwagi, RBMX is a novel hepatic transcriptional regulator of SREBP-1c gene response to high-fructose diet, 218
- Takenaka, M., D. Verbitskiy, J.A. van der Merwe, A. Zehrmann, U. Plessmann, H. Urlaub and A. Brennicke, In vitro RNA editing in plant mitochondria does not require added energy, 2743
- Takenaka, S. see T. Tanno, 1022
- Takenouchi, T., Y. Iwamaru, M. Imamura, N. Kato, S. Sugama, M. Fujita, M. Hashimoto, M. Sato, H. Okada, T. Yokoyama, S. Mohri and H. Kitani, Prion infection correlates with hypersensitivity of P2X7 nucleotide receptor in a mouse microglial cell line, 3019
- Takeshita, K. see S. Kanaji, 4260
- Takeuchi, H. see Y. Uno, 97
- Takeuchi, K. see Y. Morita, 1417
- Takeuchi, K. see Y. Morita, 3579
- Takeyama, H. see T. Suzuki, 3443
- Takeyasu, K. see D. Liu, 3563
- Takita, M., M. Inada, T. Maruyama and C. Miyaura, Prostaglandin E receptor EP4 antagonist suppresses osteolysis due to bone metastasis of mouse malignant melanoma cells, 565
- Takuma, T. see M. Okayama, 4583
- Talbot, K. see M.Z. Cader, 2959
- Talke, I.N. see U. Krämer, 2263
- Tamiaki, H. see Y. Saga, 1847
- Tamura, H. see S.-i. Ito, 3217
- Tamura, H. see T. Murakami, 140
- Tamura, M. see S. Mikuni, 389
- Tamura, M., I. Shiozaki, S. Ono, K. Miyano, S. Kunihiro and T. Sasaki, p40<sup>phox</sup> as an alternative organizer to p47<sup>phox</sup> in Nox2 activation: A new mechanism involving an interaction with p22<sup>phox</sup>, 4533
- Tamura, S. see H. Furochi, 5743
- Tan, K.R., R. Baur, A. Gonthier, M. Goeldner and E. Sigel, Two neighboring residues of loop A of the  $\alpha_1$  subunit point towards the benzodiazepine binding site of GABA<sub>A</sub> receptors, 4718
- Tan, S., J. Guo, Q. Huang, X. Chen, J. Li-Ling, Q. Li and F. Ma, Retained introns increase putative microRNA targets within 3' UTRs of human mRNA, 1081
- Tanaka, A. see S. Ohnishi, 462
- Tanaka, H. see A. Okumura, 5255
- Tanaka, K. see T. Tanno, 1022
- Tanaka, K. see T. Yoshimura, 1495
- Tanaka, S. see S.-i. Ito, 3217
- Tanaka, T. see T. Yotsui, 427
- Tanaka, T. see T. Ishii, 349
- Tanaka, Y. see S. Kanaji, 4260
- Taneja, P., I. Boche, H. Hartmann, H.-P. Nasheuer, F. Grosse, E. Fanning and K. Weissart, Different activities of the largest subunit of replication protein A cooperate during SV40 DNA replication, 3973
- Tang, B. see X. Dong, 5796
- Tang, P., C. Cao, M. Xu and L. Zhang, Cytoskeletal protein radixin activates integrin  $\alpha_5\beta_2$  by binding to its cytoplasmic tail, 1103
- Tang, X.C. see Z.F. Wang, 596
- Tang, Y.-T. see T.-C. Chuang, 4443
- Tang, Y.J. see Y. Lin, 5151
- Tang, Z. see C.-J. Huang, 223
- Tani, M. and Y.A. Hannun, Analysis of membrane topology of neutral sphingomyelinase 2, 1323

- Tani, M., A. Kawakami, M. Nagai, K. Shimokado, K. Kondo and M. Yoshida, Sphingosine 1-phosphate (S1P) inhibits monocyte-endothelial cell interaction by regulating of RhoA activity, 4621
- Taniguchi, S. see A. Ishii, 4711
- Taniguchi, T. see K. Takata, 475
- Tanno, T., A. Fujiwara, K. Sakaguchi, K. Tanaka, S. Takenaka and S. Tsuyama, Slit3 regulates cell motility through Rac/Cdc42 activation in lipopoly saccharide-stimulated macrophages, 1022
- Tanskanen, R. see P. Ramu, 1716
- Tanti, J.-F. see M. Aouadi, 5591
- Tantin, D. see T. Hitomi, 1087
- Tapernoux-Lüthi, E.M., T. Schneider and F. Keller, The C-terminal sequence from common bugle leaf galactan:galactan galactosyltransferase is a non-sequence-specific vacuolar sorting determinant, 1811
- Tarassov, I. see I. Brandina, 4248
- Tarpey, I. see S.M. Harrison, 1275
- Tarrago, L. see C. Vieira Dos Santos, 4371
- Tarry, M.J. see G.L. Orriss, 4091
- Tassabehji, M. see P.D. Thompson, 1233
- Tateno, C. see N. Hiraga, 1983
- Tatsuda, S. see M. Ishibashi, 4073
- Tatum, R., Y. Zhang, Q. Lu, K. Kim, B.G. Jeanson and Y.-H. Chen, WNK4 phosphorylates ser<sup>206</sup> of claudin-7 and promotes paracellular Cl<sup>-</sup> permeability, 3887
- Taura, F., S. Sirikantaramas, Y. Shoyama, K. Yoshikai, Y. Shoyama and S. Morimoto, Cannabidiolic-acid synthase, the chemotype-determining enzyme in the fiber-type *Cannabis sativa*, 2929
- Tautz, L. see I. Friedberg, 2527
- Tavernier, J. see P. Ulrichs, 629
- Taylor, J.M.W. see C. Rae, 4877
- Taylor, W.R. see T.J. Sheldon, 5268
- te Heesen, H., K. Gerwert and J. Schlitter, Role of the arginine finger in Ras-RasGAP revealed by QM/MM calculations, 5677
- te Velthuis, H. see S. Zeerleder, 5382
- Teakle, N. see A.L. Dahler, 3839
- Techau, M.E. see C.A. Cooper, 2599
- Tegeder, M. see D. Rentsch, 2281
- Teixeira, M. see S.A.L. Lobo, 433
- Teixeira, M. see M.M. Pereira, 4831
- Tejima, K. see Y. Kume, 1631
- Tejpar, S. see R. Pourebrahim, 5122
- Teleshova, N. see T.L. Chang, 4596
- Temple, K.A., X. Basko, M.B. Allison and M.J. Brady, Uncoupling of 3T3-L1 gene expression from lipid accumulation during adipogenesis, 469
- Templeton, D.M. see Y. Liu, 1481
- ten Dam, G.B. see V. Tiwari, 4468
- Tepp, W.H. see S. Pellett, 4803
- Terakita, A. see M. Torii, 5327
- Terasaka, K. see S. Masada, 2605
- Terasaka, K. see S. Masada, 2562
- Terziyska, N., B. Grumbt, M. Bien, W. Neupert, J.M. Herrmann and K. Hell, The sulphydryl oxidase Erv1 is a substrate of the Mia40-dependent protein translocation pathway, 1098
- Tetteh, E. see D. Shen, 1793
- Teulière, J. see M.M. Faraldo, 831
- Tezuka, K.-i. see A. Miyazono, 5321
- Thalhammer, J. see R. Gehwolf, 448
- Tham, C.-S., J. Whitaker, L. Luo and M. Webb, Inhibition of microglial fatty acid amide hydrolase modulates LPS stimulated release of inflammatory mediators, 2899
- Thauer, R.K. see L. Forzi, 3317
- Theprungsirikul, P. see N.S. Hwang, 4172
- Theriault, J.R. see S.K. Calderwood, 3689
- Thiam, K. see G. Ferry, 3572
- Thibault, G. see R. Zargham, 939
- Thiebot, B. see M. Pastoriza-Gallego, 3371
- Thiery, J.P. see M.M. Faraldo, 831
- Thoma, R. see A.C. Rufer, 3247
- Thomas-Virnic, C.L. see E.L. Batchelder, 4337
- Thomas, G.M. see B. Ye, 4403
- Thomine, S. see A. de Angeli, 2367
- Thompson, P.D., M. Webb, W. Beckett, T. Hinsley, T. Jowitt, A.D. Sharrocks and M. Tassabehji, GTF2IRD1 regulates transcription by binding an evolutionarily conserved DNA motif 'GUCE', 1233
- Thompson, R.J. see P.D. McLaughlin, 1425
- Thompson, R.J. see D.R. Kordys, 4778
- Thorne, R.F., N.M. Mhaidat, K.J. Ralston and G.F. Burns, CD36 is a receptor for oxidized high density lipoprotein: Implications for the development of atherosclerosis, 1227
- Thornhill, P.B., J.B. Cohn, G. Drury, W.L. Stanford, A. Bernstein and J. Desbarats, A proteomic screen reveals novel Fas ligand interacting proteins within nervous system Schwann cells, 4455
- Thorpe, P.E. see S. Cantara, 702
- Thotakura, S. see P.S. Bora, 1977
- Thrun, H.-A. see D. Hasse, 1297
- Tieleman, D.P. see M.L. O'Mara, 4217
- Tiffon, C. see S. Sibold, 989
- Tikoo, K., D.K. Bhatt, A.B. Gaikwad, V. Sharma and D.G. Kabra, Differential effects of tannic acid on cisplatin induced nephrotoxicity in rats, 2027
- Tikoo, K., D.N. Tripathi, D.G. Kabra, V. Sharma and A.B. Gaikwad, Intermittent fasting prevents the progression of type I diabetic nephropathy in rats and changes the expression of Sir2 and p53, 1071
- Timms, P. see W.M. Huston, 3382
- Timsit, Y. see F. Hosseinpour, 4937
- Tinari, A. see T. Garofalo, 3899
- Tirone, F. and J.A. Cox, NADPH oxidase 5 (NOX5) interacts with and is regulated by calmodulin, 1202
- Tiwari, V., G.B. ten Dam, B.Y.J.T. Yue, T.H. van Kuppevelt and D. Shukla, Role of 3-O-sulfated heparan sulfate in virus-induced polykaryocyte formation, 4468
- Tochio, N. see S. Ohnishi, 462
- Togari, A. see K. Obata, 5917
- Tohyama, M. see H. Okuda, 4754
- Tokuda, H., S. Takai, Y. Hanai, R. Matsushima-Nishiwaki, T. Hosoi, A. Harada, T. Ohta and O. Kozawa, (-)-Epigallocatechin gallate suppresses endothelin-1-induced interleukin-6 synthesis in osteoblasts: Inhibition of p44/p42 MAP kinase activation, 1311
- Tokunaga, M. see M. Ishibashi, 4073
- Toledano, M.B. see D. Azevedo, 187
- Toledano, M.B., C. Kumar, N. Le Moan, D. Spector and F. Tacnet, The system biology of thiol redox system in *Escherichia coli* and yeast: Differential functions in oxidative stress, iron metabolism and DNA synthesis, 3598
- Toledano, M.B., C. Kumar, N. Le Moan, D. Spector and F. Tacnet, Corrigendum to "The system biology of thiol redox system in *Escherichia coli* and yeast: Differential functions in oxidative stress, iron metabolism and DNA synthesis" [FEBS Lett. 581 (2007) 3598-3607], 4549
- Tölgyesi, F. see B. Varga, 4783
- Tomikawa, C. see K. Matsumoto, 1599
- Tominaga, K. see S.N. Garcia, 5275
- Tomita, M. see K. Arakawa, 253
- Tomita, M. see N. Ishii, 413
- Tomita, M. see Y. Watanabe, 4603
- Tomita, M. see M. Matsui, 4184
- Tomita, T. see T. Ishii, 349
- Tomita, T. see Y. Kume, 1631
- Tomizawa, T. see S. Ohnishi, 462
- Tomkiewicz, D., N. Nouwen and A.J.M. Driessen, Pushing, pulling and trapping – Modes of motor protein supported protein translocation, 2820
- Tonin, L. see A. Pasquato, 5807
- Toninello, A. see M. Salvi, 5579
- Tonon, M.C. see D. Cruz-Garcia, 3149
- Tooyama, I. see K. Takata, 475
- Topbas, F. see T. Eiseler, 4279
- Tordjmann, T. see E. Gonzales, 3260
- Torii, K. see A.M. San Gabriel, 1119
- Torii, M., D. Kojima, T. Okano, A. Nakamura, A. Terakita, Y. Shichida, A. Wada and Y. Fukada, Two isoforms of chicken melanopsins show blue light sensitivity, 5327
- Tormos, K.V. see B.M. Emerling, 5727
- Toro, G.C. see M. Galindo, 2022
- Tóth, G. see Z. Gáspári, 2523
- Tóth, J. see B. Varga, 4783
- Totty, N. see J. Durgan, 3377
- Touchard, D. see A. Pierres, 1841
- Toulmé, J.-J. see C. Di Primo, 771
- Touré, F. see S. Jaisson, 1509
- Tournier, V. see L. Camborde, 337
- Townsend-Nicholson, A. see C. Devader, 5332
- Townsend, P.A. see S.M. Soond, 1217
- Toyomizu, M. see A. Mujahid, 3461
- Toyooka, T. see K. Matsumoto, 1599
- Tran Van Nhieu, G. see N. Ramarao, 853
- Trapnell, B.C. see M. Watanabe, 2017
- Travaglini-Allocatelli, C. see C.N. Chi, 1109
- Trdan, R.J. see R. Chakrabarti, 5213



- Treadway, J.L. see I.R. Kelsall, 4749  
 Tremmel, D., M. Duarte, A. Videira and M. Tropschug, FKBP22 is part of chaperone/folding catalyst complexes in the endoplasmic reticulum of *Neurospora crassa*, 2036  
 Trievel, R.C. see S. Wu, 3289  
 Tripathi, D.N. see K. Tikoo, 1071  
 Troiano, L. see E. Roat, 521  
 Troise, F. see C. De Lorenzo, 296  
 Tropschug, M. see D. Tremmel, 2036  
 Tsai, C.-B. see Y.-F. Tsay, 2290  
 Tsai, S.-J. see C.-T. Chiang, 5735  
 Tsang, B.K. see A. Jahani-Asl, 2883  
 Tsao, T.-S. see S. Suzuki, 809  
 Tsay, Y.-F., C.-C. Chiu, C.-B. Tsai, C.-H. Ho and P.-K. Hsu, Nitrate transporters and peptide transporters, 2290  
 Tschöp, K. see K. Rothler, 1166  
 Tsfadia, Y., R. Friedman, J. Kadmon, A. Selzer, E. Nachliel and M. Gutman, Molecular dynamics simulations of palmitate entry into the hydrophobic pocket of the fatty acid binding protein, 1243  
 Tsim, K.W.K. see Q.T. Gao, 233  
 Tsim, K.W.K. see Q.T. Gao, 5087  
 Tsitoura, P., U. Georgopoulou, S. Pêtres, A. Varaklioti, A. Karafoulidou, D. Vagen, C. Politis and P. Mavromara, Evidence for cellular uptake of recombinant hepatitis C virus non-enveloped capsid-like particles, 4049  
 Tsonis, P.A. see E. Makarev, 1865  
 Tsubakio-Yamamoto, K. see H. Oku, 5029  
 Tsuchiya, D. see K. Takata, 475  
 Tsuchiya, T. see S. Mima, 1457  
 Tsuge, M. see N. Hiraga, 1983  
 Tsujii, M. see T. Yoshio, 3777  
 Tsukada, T. see Y. Nijikken, 1514  
 Tsuruda, T. see K.W. Kim, 995  
 Tsurugi, K. see Q. Sun, 3991  
 Tsutsumi, S. see S. Mima, 1457  
 Tsuyama, S. see T. Tanno, 1022  
 Tsuzuki, M. see K. Sugimoto, 4519  
 Tu, A.-Y. see J.F. Shaffer, 1501  
 Tu, J.-X. see L. Wang, 3848  
 Tu, K. see X. Yan, 1587  
 Tucci, S. and W. Martin, A novel prokaryotic *trans*-2-enoyl-CoA reductase from the spirochete *Treponema denticola*, 1561  
 Tucker, P.W. see C.-J. Huang, 223  
 Tucker, S.J. see C.J. Marek, 781  
 Tuganova, A. see A. Klyuyeva, 2988  
 Tulla, M., M. Huhtala, J. Jääliñoja, J. Kämpylä, R.W. Farndale, L. Alakokko, M.S. Johnson and J. Heino, Analysis of an ascidian integrin provides new insight into early evolution of collagen recognition, 2434  
 Turcotte, M.-E. see P. Giguère, 3863  
 Turk, B. and V. Stoka, Protease signalling in cell death: caspases versus cysteine cathepsins, 2761  
 Turk, B. see L. Bojić, 5185  
 Turk, V. see L. Bojić, 5185  
 Turnbull, S. see A. Masad, 3489  
 Tyndall, J.D.A. see E.J. Pearl, 3000  
 Tytarenko, R.G. see P.S. Bora, 1977  
 Tytgat, J. see E. Cuypers, 1699  
 Tzagoloff, A. see C. Jin, 5658  
 Tzang, C.-H. see Y.-F. Shi, 203  
 Tzeng, Y.J. see M.Q. Liao, 1161  
 Tzvetkov, N. see A. Rothballer, 1197

## U

- Uchida, K. see M. Watanabe, 2017  
 Uchimiya, H. see R. Oshima, 4627  
 Uchiyama, S. see H. Takata, 3783  
 Uchiyama, Y. see I. Yamanaka, 4098  
 Ulrichs, P., F. Peelman, R. Beyaert and J. Tavernier, MAPPIT analysis of TLR adaptor complexes, 629  
 Umemoto, E. see T. Yotsui, 427  
 Umezawa, A. see S. Kato, 4685  
 Umezawa, T. see T. Watanabe, 1788  
 Underwood, T.J., J. Amin, K.A. Lillycrop and J.P. Blaydes, Dissection of the functional interaction between p53 and the embryonic proto-oncogene PAX3, 5831  
 Uneyama, H. see A.M. San Gabriel, 1119  
 Ungermann, C. see D.F. Markgraf, 2125  
 Uno, Y., T. Fujiyuki, M. Morioka, H. Takeuchi and T. Kubo, Identification of proteins whose expression is up- or down-regulated in the mushroom bodies in the honeybee brain using proteomics, 97  
 Unslid, I. see Y. Haagen, 2889  
 Uozumi, T. see S. Takashima, 5891  
 Upadhyay, A.K. see S. Singh, 289  
 Upadhyay, D., W. Chang, K. Wei, M. Gao and G.D. Rosen, Fibroblast growth factor-10 prevents H<sub>2</sub>O<sub>2</sub>-induced cell cycle arrest by regulation of G1 cyclins and cyclin dependent kinases, 248  
 Upadhyay, D. see J. Zhang, 5315  
 Upadhyay, D. see J. Zhang, 4148  
 Urbatsch, I.L. see I. Carrier, 301  
 Ureta, T. see A. Preller, 663  
 Urlaub, H. see M. Takenaka, 2743  
 Usherwood, P.N.R., T.G.E. Davies, I.R. Mellor, A.O. O'Reilly, F. Peng, H. Vais, B.P.S. Khambay, L.M. Field and M.S. Williamson, Mutations in DIIS5 and the DIIS4-S5 linker of *Drosophila melanogaster* sodium channel define binding domains for pyrethroids and DDT, 5485  
 Ushijima, H. see S. Mima, 1457  
 Usuda, S. see T. Suzuki, 4551  
 Uzbekov, R. and C. Prigent, Clockwise or anticlockwise? Turning the centriole triplets in the right direction!, 1251  
 Uzu, T. see Y. Morita, 3579  
 Uzu, T. see Y. Morita, 1417

## V

- Vacca, R.A., D. Valenti, A. Bobba, M.C. de Pinto, R.S. Merafina, L.D. Gara, S. Passarella and E. Marra, Proteasome function is required for activation of programmed cell death in heat shocked tobacco Bright-Yellow 2 cells, 917  
 Vagen, D. see P. Tsitoura, 4049  
 Vais, H. see P.N.R. Usherwood, 5485  
 Valderrama, R., F.J. Corpas, A. Carreras, A. Fernández-Ocaña, M. Chaki, F. Luque, M.V. Gómez-Rodríguez, P. Colmenero-Varea, L.A. del Río and J.B. Barroso, Nitrosative stress in plants, 453  
 Valente, F.M.A., P.M. Pereira, S.S. Venceslau, M. Regalla, A.V. Coelho and I.A.C. Pereira, The [NiFeSe] hydrogenase from *Desulfovibrio vulgaris* Hildenborough is a bacterial lipoprotein lacking a typical lipoprotein signal peptide, 3341  
 Valenti, D. see R.A. Vacca, 917  
 Valentino, M.L., R. Martí, S. Tadesse, L.C. López, J.L. Manes, J. Lyzak, A. Hahn, V. Carelli and M. Hirano, Thymidine and deoxyuridine accumulate in tissues of patients with mitochondrial neurogastrointestinal encephalomyopathy (MNGIE), 3410  
 Valet, P. see V. Rolli, 394  
 van Aalten, D.M.F. see R. Hurtado-Guerrero, 5597  
 van Amerongen, H. see B. van Oort, 3528  
 van Beest, M. see M.P. Lolkema, 4571  
 Van Dam, K. see R. Pourebrahim, 5122  
 van der Geer, P. see G. Glenn, 5377  
 van der Klei, I.J. see K.B. Mosicka, 1758  
 van der Klei, I.J. see B. de Vries, 5627  
 van der Laan, M. see M. Bohnert, 2802  
 van der Merwe, J.A. see M. Takenaka, 2743  
 van der Vliet, A. see M. Hristova, 361  
 van der Walle, C.F. see E. Schmidt, 2974  
 van der Zee, R. see L. Wieten, 3716  
 van Eden, W. see L. Wieten, 3716  
 van Eijk, M., S.S. Scheij, C.P.A.A. van Roomen, D. Speijer, R.G. Boot and J.M.F.G. Aerts, TLR- and NOD2-dependent regulation of human phagocyte-specific chitinase, 5389  
 Van Eys, G. see M. Prunotto, 5847  
 van Hoek, A. see B. van Oort, 3528  
 van Koeven, P. see J. Park, 3211  
 van Kuppevelt, T.H. see V. Tiwari, 4468

- van Lith, M. see A.J. Lemm, 1819  
 van Noort, M. see M.P. Lolkema, 4571  
 van Nuland, N.A.J. see A.M. Candel, 687  
 van Oort, B., A. van Hoek, A.V. Ruban and H. van Amerongen, Aggregation of Light-Harvesting Complex II leads to formation of efficient excitation energy traps in monomeric and trimeric complexes, 3528  
 van Reyk, D.M. see I. Rashid, 1067  
 van Roomen, C.P.A.A. see M. van Eijk, 5389  
 van Roy, F. see K. Aigner, 1617  
 Van Troys, M. see S. Dhaese, 4809  
 Vandekerckhove, J. see D. Polet, 211  
 Vandekerckhove, J. see S. Dhaese, 4809  
 Vandenberghe, K.E. see C. Vrins, 4616  
 Vandepoele, K. see D. Polet, 211  
 Vandersmissen, L. see E. De Buck, 259  
 Vannier-Santos, M.A. see J.B.R. Corrêa Soares, 1742  
 Varaklioti, A. see P. Tsitoura, 4049  
 Varea, O. see J.J. Garrido, 1579  
 Varga, B., O. Barabás, J. Kovári, J. Tóth, É. Hunyadi-Gulyás, É. Klement, K.F. Medzihradszky, F. Tölgyesi, J. Fidy and B.G. Vértessy, Active site closure facilitates juxtaposition of reactant atoms for initiation of catalysis by human dUTPase, 4783  
 Vargas, L. see N. Mitro, 1721  
 Varghese, S. see N.S. Hwang, 4172  
 Vasilieva, L.G. see T.Y. Fufina, 5769  
 Vassilenko, K. see E. Burova, 1475  
 Vasu, V.T., B. Hobson, K. Gohil and C.E. Cross, Genome-wide screening of alpha-tocopherol sensitive genes in heart tissue from alpha-tocopherol transfer protein null mice (ATTP<sup>-/-</sup>), 1572  
 Vaudry, H. see D. Cruz-Garcia, 3149  
 Vaulont, S. see G. Ramey, 1053  
 Vaupotic, T. and A. Plemenitas, Osmoadaptation-dependent activity of microsomal HMG-CoA reductase in the extremely halotolerant black yeast *Hortaea werneckii* is regulated by ubiquitination, 3391  
 Vauti, F., B.R. Prochnow, E. Freese, S.K. Ramasamy, P. Ruiz and H.-H. Arnold, Arp3 is required during preimplantation development of the mouse embryo, 5691  
 Vazquez-Martinez, R. see D. Cruz-Garcia, 3149  
 Vazzola, V., A. Losa, C. Soave and I. Murgia, Knockout of frataxin gene causes embryo lethality in *Arabidopsis*, 667  
 Veenhuis, M. see B. de Vries, 5627  
 Venables, J.P., Downstream intronic splicing enhancers, 4127  
 Venceslau, S.S. see F.M.A. Valente, 3341  
 Venkatesan, B. see F. Das, 5259  
 Venkatesh, K.V. see S.K. Nandy, 151  
 Venters, R.A. see D.R. Kordys, 4778  
 Venturoli, G. see F. Francia, 611  
 Venturoli, G. see L. Giachini, 5645  
 Vera, J.L. see F. Santos, 4865  
 Verbitskiy, D. see M. Takenaka, 2743  
 Verrey, F. see E.M. Furrer, 572  
 Vértessy, B.G. see B. Varga, 4783  
 Véry, A.-A. see A. Lebaudy, 2357  
 Very, N.M. and M.A. Sheridan, Somatostatin inhibits insulin-like growth factor-I receptor expression in the gill of a teleost fish (*Onchorynchus mykiss*), 4773  
 Vetter, I.R. see M. Saric, 1369  
 Viale, A.M. see M.T. Morán-Zorzano, 1035  
 Viale, A.M. see G. Eydallin, 2947  
 Viale, A.M. see M.T. Morán-Zorzano, 4423  
 Viale, A.M. see G. Eydallin, 4417  
 Viale, A.M. see M.A. Mussi, 5573  
 Vicart, P. see A.-P. Arrigo, 3665  
 Vidal, J. see J.A. Monreal, 3468  
 Videira, A. see D. Tremmel, 2036  
 Vieira Dos Santos, C., E. Laugier, L. Tarrago, V. Massot, E. Issakidis-Bourguet, N. Rouhier and P. Rey, Specificity of thioredoxins and glutaredoxins as electron donors to two distinct classes of Arabidopsis plastidial methionine sulfoxide reductases B, 4371  
 Vignery, A. see E.H. Chen, 2181  
 Vigny, M. see J. Degoutin, 727  
 Vijayaraghavan, S. see R. Chakrabarti, 5213  
 Viles, J.H. see M. Klewpatinond, 1430  
 Villarroya, F. see C. Duval, 955  
 Vinardell, J.M. see J.A. Monreal, 3468  
 Vingron, M. see T. Zemotjel, 2072  
 Vink, E. see C. Vrins, 4616  
 Vinogradov, A.D. see I.S. Gostinskaya, 5803  
 Viollet, B. see G. Ramey, 1053  
 Viollet, B. see B.M. Emerling, 5727  
 Virdee, K., H. Yoshida, S. Peak-Chew and M. Goedert, Phosphorylation of human microtubule-associated protein tau by protein kinases of the AGC subfamily, 2657  
 Visentin, V. see V. Rolli, 394  
 Viswanathan, T. see P.S. Bora, 1977  
 Viti, V. see S. Grande, 637  
 Vlantis, A.C. see Z.-M. Liu, 2465  
 Vlasits, J., C. Jakopitsch, M. Schwanninger, P. Holubar and C. Obinger, Hydrogen peroxide oxidation by catalase-peroxidase follows a non-scrambling mechanism, 320  
 Voest, E.E. see M.P. Lolkema, 4571  
 Voevodskaya, N., F. Lendzian, A. Ehrenberg and A. Gräslund, High catalytic activity achieved with a mixed manganese-iron site in protein R2 of *Chlamydia* ribonucleotide reductase, 3351  
 Vogel, H. see H. Maischak, 898  
 Vojta, A. see M. Oreb, 5945  
 Vojta, L., J. Soll and B. Bölder, Requirements for a conservative protein translocation pathway in chloroplasts, 2621  
 von Heijne, G. see C. Lundin, 3809  
 Vona, R. see S. Basciani, 5897  
 Vona, R. see E. Straface, 4342  
 Vorbürger, S.A. see S. Sibold, 989  
 Voss, P. see B. Görg, 84  
 Vranckx, L. see E. De Buck, 259  
 Vrins, C., E. Vink, K.E. Vandenberghe, R. Frijters, J. Seppen and A.K. Groen, The sterol transporting heterodimer ABCG5/ABCG8 requires bile salts to mediate cholesterol efflux, 4616
- ## W
- Wada, A. see M. Torii, 5327  
 Wada, T. see M. Yugami, 1  
 Wagenaar, J. see L. Wieten, 3716  
 Wagner, S. see J. Raguz, 4767  
 Wakagi, T. see Y. Nijikken, 1514  
 Wakamori, M. see N. Yamaji, 3789  
 Wakita, T. see N. Hiraga, 1983  
 Waldenström, A. see L. Bailey, 587  
 Wali, R.K. see H.K. Roy, 3857  
 Walker, J.E. see R. Chen, 3145  
 Walker, J.M. see C.A. Opitz, 4927  
 Walker, J.M. see R. Chakrabarti, 5213  
 Wallace, K. see C.J. Marek, 781  
 Waller, D.P. see T.L. Chang, 4596  
 Walma, T., Spotlight on... Pascale Cossart, 343  
 Walsh, T.P. see W.M. Huston, 3382  
 Walter, T. see G. Sihm, 962  
 Walton, S.P. see H.K. Kini, 5611  
 Waltregny, D. see S. Dhaese, 4809  
 Wamhoff, B.R. see R. Zargham, 939  
 Wan, B., Y. Lin and T. Mou, Expression of rice Ca<sup>2+</sup>-dependent protein kinases (CDPKs) genes under different environmental stresses, 1179  
 Wan, D.C.C. see T.S. Lau, 3253  
 Wandosell, F. see J.J. Garrido, 1579  
 Wang, A.H.-J. see C.-C. Lee, 5454  
 Wang, C. see Y. Lin, 5151  
 Wang, C.-H. see T.-Y. Wu, 3120  
 Wang, D. see D. Liu, 3563  
 Wang, D. see K.B. Moscicka, 1758  
 Wang, D. see Y. Liu, 4318  
 Wang, F. see D. Liu, 3563  
 Wang, H., Y. Zhang and R.O. Heuckeroth, PAI-1 deficiency reduces liver fibrosis after bile duct ligation in mice through activation of tPA, 3098  
 Wang, H. see T. Ho, 3267  
 Wang, H.-W. see M.B. Breslin, 949  
 Wang, J.-Z. see Q.-G. Ren, 1521  
 Wang, L., M.-B. Wang, J.-X. Tu, C.A. Helliwell, P.M. Waterhouse, E.S. Dennis, T.-D. Fu and Y.-L. Fan, Cloning and characterization of microRNAs from *Brassica napus*, 3848  
 Wang, L.-I. see H.-q. Chen, 5836  
 Wang, M. see K.W. Kim, 995

- Wang, M. see Y. Liu, 4318
- Wang, M.-B. see L. Wang, 3848
- Wang, P. see R. Li, 3311
- Wang, R. and M.G. Brattain, The maximal size of protein to diffuse through the nuclear pore is larger than 60 kDa, 3164
- Wang, S. see J. Huang, 697
- Wang, S., Q.-H. Zhu, X. Guo, Y. Gui, J. Bao, C. Helliwell and L. Fan, Molecular evolution and selection of a gene encoding two tandem microRNAs in rice, 4789
- Wang, W. see M. Holton, 4115
- Wang, X. see D. Ju, 265
- Wang, X., Q. Yan and M.-X. Guan, Deletion of the *MTO2* gene related to tRNA modification causes a failure in mitochondrial RNA metabolism in the yeast *Saccharomyces cerevisiae*, 4228
- Wang, X.-F. see J. Neuzil, 4611
- Wang, X.-R. see T.A. Hornberger, 4562
- Wang, Y., H. Feng, C. Bi, L. Zhu, J.W. Pollard and B. Chen, GSK-3 $\beta$  mediates in the progesterone inhibition of estrogen induced cyclin D2 nuclear localization and cell proliferation in cyclin D1-/- mouse uterine epithelium, 3069
- Wang, Y.-X., X. Xu, C. Luo, Z.-M. Ma, H.-L. Jiang, J.-P. Ding and Y.-M. Wen, Mutational analysis revealed that conservation of hepatitis B virus reverse transcriptase residue 306 (rtP306) is crucial for encapsidation of pregenomic RNA, 558
- Wang, Z. see R.R. Lareu, 2709
- Wang, Z. see K.W. Kim, 995
- Wang, Z.F. and X.C. Tang, Huperzine A protects C6 rat glioma cells against oxygen-glucose deprivation-induced injury, 596
- Ward, T. see D. Liu, 3563
- Ward, T. see Y. Liu, 4318
- Warden, C.H. see A. Mujahid, 3461
- Warshel, A. see M. Roca, 2065
- Warshel, A. see V. Martinek, 775
- Washiyama, M., K. Nishigaki, N. Ahmed, S. Kinpara, Y. Ishii, N. Kanzawa, T. Masuda and M. Kannagi, IL-2 withdrawal induces HTLV-1 expression through p38 activation in ATL cell lines, 5207
- Wasternack, C. see A. Guranowski, 815
- Watamura, Y. see S. Kawasaki, 2460
- Watanabe, H. see N. Ishii, 413
- Watanabe, M. see R. Banno, 1131
- Watanabe, M., K. Uchida, K. Nakagaki, H. Kanazawa, B.C. Trapnell, Y. Hoshino, H. Kagamu, H. Yoshizawa, N. Keicho, H. Goto and K. Nakata, Anti-cytokine autoantibodies are ubiquitous in healthy individuals, 2017
- Watanabe, M. see I. Sato, 4857
- Watanabe, N. see Y. Kume, 1631
- Watanabe, S. see S. Ohnishi, 462
- Watanabe, S. see E. Ito, 3909
- Watanabe, T., N. Shitan, T. Umezawa, K. Yazaki, M. Shimada and T. Hattori, Involvement of FpTRP26, a thioredoxin-related protein, in oxalic acid-resistance of the brown-rot fungus *Fomitopsis palustris*, 1788
- Watanabe, Y. see S. Iwasaki, 2455
- Watanabe, Y., A. Kishi, N. Yachie, A. Kanai and M. Tomita, Computational analysis of microRNA-mediated antiviral defense in humans, 4603
- Waterhouse, P.M. see L. Wang, 3848
- Watowich, S.J. see J. Kang, 2497
- Watson, M. see N. Dimopoulos, 4743
- Watters, G.T. see R. Chakrabarti, 5213
- Wawra, C., M. Kühl and H.A. Kestler, Extended analyses of the Wnt/ $\beta$ -catenin pathway: Robustness and oscillatory behaviour, 4043
- Way, T.-D. see C.-T. Chiang, 5735
- Webb, M. see P.D. Thompson, 1233
- Webb, M. see C.-S. Tham, 2899
- Weber, A.P.M. and K. Fischer, Making the connections – The crucial role of metabolite transporters at the interface between chloroplast and cytosol, 2215
- Weber, C. see M. Dewor, 4734
- Weber, M. see C. Dreher, 2647
- Weger, S. see E. Hammer, 5418
- Welling, C., C. Beimgraben, C. Gelhaus, T. Friedrich, P. Saftig, J. Grötzinger and M. Schwake, Self-assembly of the isolated KCNQ2 subunit interaction domain, 1594
- Wei, C. see F. Zhou, 34
- Wei, C. see H. Liu, 2534
- Wei, D. see X. Dong, 5796
- Wei, K. see D. Upadhyay, 248
- Wei, K. see J. Zhang, 5315
- Wei, L. see X. Zeng, 2509
- Weidemann, W. see K. Bork, 4195
- Weimann, R. see S. Sibold, 989
- Weinstein, D.A. see S.Y. Kim, 3833
- Weintraub, S.T. see P. Lemma-Gray, 437
- Weiss, A., M. Baumgartner, G. Radziwill, J. Drenth and K. Moelling, c-Src is a PDZ interaction partner and substrate of the E3 ubiquitin ligase Ligand-of-Numb protein X1, 5131
- Weiss, M. see G. Guigas, 5094
- Weiss, R. see R. Gehwolf, 448
- Weissenhorn, W., A. Hinz and Y. Gaudin, Virus membrane fusion, 2150
- Weisshart, K. see P. Taneja, 3973
- Weiward, M. see F. Erdmann, 5709
- Welsch, S., B. Müller and H.-G. Kräusslich, More than one door – Budding of enveloped viruses through cellular membranes, 2089
- Wen, Y.-M. see Y.-X. Wang, 558
- Wernitznig, A. see K. Aigner, 1617
- Wert, D. see S. Suzuki, 809
- Westrich, L. see Y. Haagen, 2889
- Westrop, G.D. see C.X. Moss, 5635
- Weyand-Durasevic, I. see I. Gruic-Sovulj, 5110
- Whitaker, J. see C.-S. Tham, 2899
- White, J.G. see E.L. Batchelder, 4337
- White, T.W. see A.D. Hoptak-Solga, 3297
- Whiteheart, S.W. see C. Zhao, 2140
- Whitelaw, M.L. see S.G.B. Furness, 3616
- Whitelegge, J. see J. Xie, 3545
- Wieczorek, H. see B. Kunze, 3523
- Wieczorek, H. see M. Huss, 5566
- Wieland, F.T. see J.D. Langer, 2083
- Wieneke, N., K.I. Hirsch-Ernst, M. Kuna, S. Kersten and G.P. Püschel, PPAR $\alpha$ -dependent induction of the energy homeostasis-regulating nuclear receptor NR1 $\beta$  (CAR) in rat hepatocytes: Potential role in starvation adaptation, 5617
- Wiesendanger, M. see B.B. Fischer, 5555
- Wiesner, J. see D. Adedeji, 279
- Wieten, L., F. Broere, R. van der Zee, E.K. Koerkamp, J. Wagenaar and W. van Eden, Cell stress induced HSP are targets of regulatory T cells: A role for HSP inducing compounds as anti-inflammatory immuno-modulators?, 3716
- Wijesinha-Bettoni, R., C. Gao, J.A. Jenkins, A.R. Mackie, P.J. Wilde, E.N.C. Mills and L.J. Smith, Post-translational modification of barley LTP1b: The lipid adduct lies in the hydrophobic cavity and alters the protein dynamics, 4557
- Wijkstrom-Frei, C. see G.E. Conner, 271
- Wilbanks, S.M. see E.J. Pearl, 3000
- Wild, K. see K.F. Stengel, 5671
- Wild, K. see E. Kowalinski, 4450
- Wilde, P.J. see R. Wijesinha-Bettoni, 4557
- Wildner, G.F. see C. Burisch, 741
- Williams, G. see P. Mani-Telang, 5241
- Williams, T. see C.M. Sandoval, 5464
- Williamson, M.S. see P.N.R. Usherwood, 5485
- Wilmanns, M. see W.A. Stanley, 4795
- Wilson-Kubalek, E.M. see S. Suzuki, 809
- Wion, D. see N. Platet, 1435
- Wion, D. see D. Adamski, 3076
- Withers, S.G. see F.A. Shaikh, 2441
- Wittenmayer, N. see T. Kremer, 4727
- Wittkopp, N. see I. Behm-Ansmant, 2845
- Wittmann, C. see C. Nicolas, 3771
- Wittrock, S. see A.M. Swistowska, 4036
- Wittung-Stafshede, P. see M. Perham, 5065
- Wlachs, A. see D. Mechtcheriakova, 3063
- Wohlbach, D.J. see D.C. Nelson, 3363
- Wolf-Watz, H. see L. Bailey, 587
- Wolfrom, C., O.C. Martin, M. Laurent and J. Deschatrette, Sinusoidal swinging dynamics of the telomere repair and cell growth activation functions of telomerase in rat liver cancer cells, 125
- Won, S.-R., M.-J. Hong, Y.-M. Kim, C.Y. Li, J.-W. Kim and H.-I. Rhee, Oleic acid: An efficient inhibitor of glucosyltransferase, 4999
- Wong, A.S.T. see L.W.T. Cheung, 4668
- Wong, B. see A.L. Hunter, 879
- Wong, G. see S. Asikainen, 5050
- Wong, R.N.S. see K.W. Leung, 2423
- Woo, H.-D. see B.-M. Kim, 3005
- Woods, A.S. see A. McMahon, 5459
- Wooten, M.W. see M.L. Seibenhener, 175
- Workman, P. see M.V. Powers, 3758
- Wraight, C.A. see V.P. Shinkarev, 1535

- Wright, M.C. see C.J. Marek, 781  
 Wu, C.-Y. see T.-Y. Wu, 3120  
 Wu, D.-N. see Q.-G. Zhang, 495  
 Wu, G. see F. Zhou, 34  
 Wu, H. see Y. Sang, 344  
 Wu, J. see W. Jin, 3826  
 Wu, Q. see M. Kawahara, 5178  
 Wu, R.S.S. see Y.-F. Shi, 203  
 Wu, S., R.C. Trievel and J.C. Rice, Human SFMBT is a transcriptional repressor protein that selectively binds the N-terminal tail of histone H3, 3289  
 Wu, T.-Y., C.-Y. Wu, Y.-J. Chen, C.-Y. Chen and C.-H. Wang, The 5' untranslated region of *Perina nudavirus* (PnV) possesses a strong internal translation activity in baculovirus-infected insect cells, 3120  
 Wu, W.-C., H.-W. Liu and A. Lin, Human ribosomal protein L7 displays an ER binding property and is involved in ribosome-ER association, 651  
 Wu, Z. see H. Zou, 196  
 Wünschmann, J., A. Beck, L. Meyer, T. Letzel, E. Grill and K.J. Lenzian, Phytochelatins are synthesized by two vacuolar serine carboxypeptidases in *Saccharomyces cerevisiae*, 1681  
 Wysocka-Kapcińska, M. see J. Kamińska, 5371

## X

- Xiang, A.L. see F.L. Xie, 1464  
 Xiao, W. see L. Pastushok, 5343  
 Xiao, Z.-Q. see Y. Sun, 131  
 Xie, F.L., S.Q. Huang, K. Guo, A.L. Xiang, Y.Y. Zhu, L. Nie and Z.M. Yang, Computational identification of novel microRNAs and targets in *Brassica napus*, 1464  
 Xie, J., M.F. Marusich, P. Souda, J. Whitelegge and R.A. Capaldi, The mitochondrial inner membrane protein Mitofilin exists as a complex with SAM50, metaxins 1 and 2, coiled-coil-helix coiled-coil-helix domain-containing protein 3 and 6 and DnaJC11, 3545  
 Xie, L. see X. Yan, 1587  
 Xie, W. see X. Zeng, 2509  
 Xie, Y. see D. Ju, 265  
 Xiong, F. see K.W. Kim, 995  
 Xu, D., H. Kishi, H. Kawamichi, K. Kajiya, Y. Takada and S. Kobayashi, Involvement of Fyn tyrosine kinase in actin stress fiber formation in fibroblasts, 5227  
 Xu, H. see D. Ju, 265  
 Xu, M. see P. Tang, 1103  
 Xu, X. see Y.-X. Wang, 558  
 Xu, Z. see X. Gao, 5505

## Y

- Yachie, N. see Y. Watanabe, 4603  
 Yachie, N. see M. Matsui, 4184  
 Yagi, K. see S. Arai, 5649  
 Yagita, K. see I. Yamanaka, 4098  
 Yaglom, J. see M.Y. Sherman, 5732  
 Yaglom, J. see M. Sherman, 3711  
 Yahata, K. see T. Funakoshi, 4910  
 Yamada, A. see A. Miyazono, 5321  
 Yamada, C. see H. Furochi, 5743  
 Yamaguchi, Y. see M. Yugami, 1  
 Yamaguchi, Y. see S. Mima, 1457  
 Yamaji, N., K. Sugase, T. Nakajima, T. Miki, M. Wakamori, Y. Mori and T. Iwashita, Solution structure of agelenin, an insecticidal peptide isolated from the spider *Agelena opulenta*, and its structural similarities to insect-specific calcium channel inhibitors, 3789  
 Yamamichi, N. see T. Haraguchi, 4949  
 Yamamoto, H. see Q. Kan, 5879  
 Yamamoto, K. see S. Kanaji, 4260  
 Yamamoto, M. see A. Miyazono, 5321  
 Yamamoto, T., R. Kawamoto, T. Fujii, N. Sakamoto and T. Shibata, DNA variations within the sea urchin *Otx* gene enhancer, 5234  
 Yamamoto, Y. see Y. Morita, 1417  
 Yamamoto, Y. see Y. Morita, 3579  
 Yamamoto, Y. see F. Hosseinpour, 4937  
 Yamanaka, I., S. Koinuma, Y. Shigeyoshi, Y. Uchiyama and K. Yagita, Presence of robust circadian clock oscillation under constitutive over-expression of *mCry1* in rat-1 fibroblasts, 4098  
 Yamane, T. see Y. Morita, 3579  
 Yamane, T. see Y. Morita, 1417  
 Yamasaki, F. see M. Kuwabara, 4821  
 Yamashita, S. see H. Oku, 5029  
 Yamashita, U. see J. Liu, 5043  
 Yamashita, Y. see N. Yanaka, 712  
 Yamauchi, K. see Y. Takano, 421  
 Yan, Q. see X. Wang, 4228  
 Yan, X., T. Chao, K. Tu, Y. Zhang, L. Xie, Y. Gong, J. Yuan, B. Qiang and X. Peng, Improving the prediction of human microRNA target genes by using ensemble algorithm, 1587  
 Yan, Y.-B. see W.-F. Liu, 1047  
 Yan, Y.-B. see T.-J. Zhao, 3044  
 Yanagihara, A. see E. Cuypers, 1699  
 Yanagisawa, D. see K. Takata, 475  
 Yanagisawa, Y. see E. Ito, 3909  
 Yanagishita, M. see H. Ota, 5220  
 Yanai, M. see F. Kamachi, 4633  
 Yanaka, N., Y. Nogusa, Y. Fujioka, Y. Yamashita and N. Kato, Involvement of membrane protein GDE2 in retinoic acid-induced neurite formation in Neuro2A cells, 712  
 Yang, D. see M. Holton, 4115  
 Yang, E.G. see H. Cho, 1542  
 Yang, F. see Y. Sun, 131  
 Yang, G. see X. Zhou, 4943  
 Yang, H.-C. see J. Ye, 3996  
 Yang, J.H., M. Amoui and K.-H.W. Lau, Targeted deletion of the osteoclast protein-tyrosine phosphatase (PTP-oc) promoter prevents RANKL-mediated osteoclastic differentiation of RAW264.7 cells, 2503  
 Yang, M. see Y.-F. Shi, 203  
 Yang, M. see J.W. Shim, 1027  
 Yang, S.-T., S.Y. Shin and J.I. Kim, Interaction mode of a symmetric Trp-rich undeca peptide PST11-RK with lipid bilayers, 157  
 Yang, S.Y. see K. Ates, 2727  
 Yang, X. see L. Cao, 5526  
 Yang, Y.-X. see Y. Sun, 131  
 Yang, Z. see L. Zhou, 4303  
 Yang, Z.M. see F.L. Xie, 1464  
 Yano, I. see M. Kai, 3345  
 Yano, Y. see T. Nishida, 4212  
 Yao, J. see N. Hiramatsu, 2055  
 Yao, J. see Y. Takano, 421  
 Yao, M. see W. Jin, 3826  
 Yao, Q. see H.-q. Chen, 5836  
 Yao, X. see D. Liu, 3563  
 Yao, X. see Y. Liu, 4318  
 Yasrael, Z. see K.-C. Huang, 2702  
 Yasuda, K. see Y. Kamei, 91  
 Yasuda, O. see T. Yotsui, 427  
 Yasuda, S., M. Kai, S.-i. Imai, H. Kanoh and F. Sakane, Diacylglycerol kinase  $\gamma$  interacts with and activates  $\beta$ 2-chimaerin, a Rac-specific GAP, in response to epidermal growth factor, 551  
 Yasuda, S. see T. Hitomi, 1087  
 Yasue, S. see T. Ishii, 349  
 Yasui, S. see M. Kaneko, 5355  
 Yatomi, Y. see Y. Kume, 1631  
 Yazaki, K. see T. Watanabe, 1788  
 Ye, B., W.-p. Yu, G.M. Thomas and R.L. Haganir, GRASP-1 is a neuronal scaffold protein for the JNK signaling pathway, 4403  
 Ye, J., H.-C. Yang, B.P. Rosen and H. Bhattacharjee, Crystal structure of the flavoprotein ArsH from *Sinorhizobium meliloti*, 3996  
 Ye, W. see D. Gu, 382  
 Ye, Y. see D. Shen, 1793  
 Ye, Z. see H. Zou, 196  
 Yea, S.S. see K.-S. Kim, 5733  
 Yea, S.S. see K.-S. Kim, 4065  
 Yeh, M.-H. see T.-C. Chuang, 4443  
 Yephremov, A. see M. Garzón, 3189  
 Yi, H. see S.-y. Kim, 865  
 Yi, H. see Y. Sun, 131  
 Yi, Z.-b. see Y. Yu, 4179

Yin, D. see X. Liu, 5337  
Yiu, W.H. see S.Y. Kim, 3833  
Yoder, M.C. see C.A. Opitz, 4927  
Yogosawa, S. see T. Hitomi, 1087  
Yokosaki, Y. see F. Higashikawa, 2697  
Yokota, H. see H.-S. Choi, 2684  
Yokota, H. see K. Hamamura, 1769  
Yokota, H. see Y. Kume, 1631  
Yokota, M. see S.-I. Inoue, 1910  
Yokouchi, M. see Y. Takano, 421  
Yokoyama, S. see S. Ohnishi, 462  
Yokoyama, T. see T. Takenouchi, 3019  
Yomogida, S. see T. Murakami, 140  
Yoo, B. see S.-S. Nah, 1928  
Yoo, Y.H. see S.E. Park, 180  
Yoon, C.-H. see E.-S. Lee, 4325  
Yoon, J.-H. see S.J. Myung, 2954  
Yoon, M.-Y. see K.-S. Kim, 4065  
Yoon, M.-Y. see K.-S. Kim, 5733  
Yoon, S.-O. see K.-H. Kim, 3303  
Yoon, S.H. see S.-y. Kim, 865  
Yoshida, H. see K. Virdee, 2657  
Yoshida, M. see M. Tani, 4621  
Yoshida, M. see M. Deushi, 5664  
Yoshida, Y. see Y. Saito, 4349  
Yoshida, Y. see J. Liu, 5043  
Yoshie, S. see A.M. San Gabriel, 1119  
Yoshikai, K. see F. Taura, 2929  
Yoshimoto, R. see T. Kajume, 4645  
Yoshimura, H. see T. Suzuki, 21  
Yoshimura, S.H. see D. Liu, 3563  
Yoshimura, T., S. Imamura, K. Tanaka, M. Shirai and M. Asayama, Cooperation of group 2  $\sigma$  factors, SigD and SigE for light-induced transcription in the cyanobacterium *Synechocystis* sp. PCC 6803, 1495  
Yoshinaga, K. see R. Oshima, 4627  
Yoshino, F. see Y. Ogasawara, 2473  
Yoshino, M. see N. Ishii, 413  
Yoshio, T., T. Morita, Y. Kimura, M. Tsujii, N. Hayashi and K. Sobue, Caldesmon suppresses cancer cell invasion by regulating podosome/invadopodium formation, 3777  
Yoshizato, K. see N. Hiraga, 1983  
Yoshizawa, H. see M. Watanabe, 2017  
Yotsui, T., O. Yasuda, H. Kawamoto, M. Higuchi, Y. Chihara, E. Umemoto, T. Tanaka, M. Miyasaka, H. Rakugi and T. Ogihara, Aspirin prevents adhesion of T lymphoblasts to vascular smooth muscle cells, 427  
You, D.-j. see C. Angkawidjaja, 5060  
You, H.J. see K.A. Kang, 2000  
Yu, A.Y.H. and W.A. Houry, ClpP: A distinctive family of cylindrical energy-dependent serine proteases, 3749  
Yu, B. see D. Gu, 382  
Yu, B. and G.L. Millhauser, Chemical disulfide mapping identifies an inhibitor cystine knot in the agouti signaling protein, 5561  
Yu, E.W. see C.-C. Su, 4972  
Yu, E.W. see C.-C. Su, 5548  
Yu, F., J. Feng, J.N. Harada, S.K. Chanda, S.C. Kenney and R. Sun, B cell terminal differentiation factor XBP-1 induces reactivation of Kaposi's sarcoma-associated herpesvirus, 3485  
Yu, J.-R. see K.M. Ko, 5445  
Yu, L. see L. Cao, 5526  
Yu, M.-H. see K.M. Seong, 2567  
Yu, R. see J.-H. Kang, 4389  
Yu, S.Y. see N.G. Lee, 2625  
Yu, W. see L. Cao, 5526  
Yu, W.-p. see B. Ye, 4403  
Yu, X. see Y. Liu, 4318  
Yu, Y., Z.-b. Yi and Y.-Z. Liang, Main antimicrobial components of *Tinospora capillipes*, and their mode of action against *Staphylococcus aureus*, 4179  
Yuan, C., H.L. Berscheid and A.J.W. Huang, Identification of an amyloidogenic region on keratopithelin via synthetic peptides, 241  
Yuan, J. see X. Yan, 1587  
Yuasa-Kawase, M. see H. Oku, 5029  
Yue, B.Y.J.T. see V. Tiwari, 4468  
Yugami, M., Y. Kabe, Y. Yamaguchi, T. Wada and H. Handa, hnRNP-U enhances the expression of specific genes by stabilizing mRNA, 1  
Yuge, L. see T. Kajume, 4645  
Yukita, A. see T. Chan, 2691

Yun, J. see K.S. Park, 4411  
Yun, S.-S. see J.-G. Lee, 787  
Yun, Y. see H.-o. Lee, 5640

## Z

Zadravec, D. see T. Kobayashi, 3157  
Zahn, M. see G.F.E. Scherer, 4205  
Zakher, A. see C. Kolly, 1969  
Zakrzewicz, A. see S. Chlench, 673  
Zaldua, N., M. Gastineau, M. Hoshino, F. Lezoualc'h and J.L. Zugaza, Epac signaling pathway involves STEF, a guanine nucleotide exchange factor for Rac, to regulate APP processing, 5814  
Zaneveld, L.J.D. see T.L. Chang, 4596  
Zappia, V. see G. Cacciapuoti, 4567  
Zargham, R., B.R. Wamhoff and G. Thibault, RNA interference targeting  $\alpha 8$  integrin attenuates smooth muscle cell growth, 939  
Zaritsky, A. see M. Itsko, 1775  
Zarrouki, B., A.F. Soares, M. Guichardant, M. Lagarde and A. G  lo  n, The lipid peroxidation end-product 4-HNE induces COX-2 expression through p38MAPK activation in 3T3-L1 adipose cell, 2394  
Zarzycki, M., E. Maciaszczyk and A. Dzugaj, Glu 69 is essential for the high sensitivity of muscle fructose-1,6-bisphosphatase inhibition by calcium ions, 1347  
Zebger, I. see O. Lenz, 3322  
Zeerleder, S., B. Zwart, H. te Velthuis, R. Manoe, I. Bulder, I. Rensink and L.A. Aarden, A plasma nucleosome releasing factor (NRF) with serine protease activity is instrumental in removal of nucleosomes from secondary necrotic cells, 5382  
Zehrmann, A. see M. Takenaka, 2743  
Zeki, S., The neurobiology of love, 2575  
Zemojtel, T., M. Kolanczyk, N. Kossler, S. Stricker, R. Lurz, I. Mikula, M. Duchniewicz, M. Schuelke, P. Ghafourifar, P. Martasek, M. Vingron and S. Mundlos, Corrigendum to "Mammalian mitochondrial nitric oxide synthase: Characterization of a novel candidate" [FEBS Lett. 580 (2006) 455-462], 2072  
Zemp, I. and U. Kutay, Nuclear export and cytoplasmic maturation of ribosomal subunits, 2783  
Zeng, X., M. Sun, L. Liu, F. Chen, L. Wei and W. Xie, Neurexin-1 is required for synapse formation and larvae associative learning in *Drosophila*, 2509  
Zeng, Z. see Y. Sheng, 1763  
  gur-Bertok, D. see M. Butala, 4816  
Zhang, A. see W.-F. Liu, 1047  
Zhang, D. see B. Sun, 3277  
Zhang, D.W. see J. Bao, 2737  
Zhang, G. see D. Ma, 1000  
Zhang, G.-Y. see Q.-G. Zhang, 495  
Zhang, H. see R. Li, 3311  
Zhang, H.-Y. see Y. Zhou, 4361  
Zhang, J. see A.L. Hunter, 879  
Zhang, J. see Y. Sheng, 1763  
Zhang, J., A.J. Ghio, W. Chang, O. Kamdar, G.D. Rosen and D. Upadhyay, Bim mediates mitochondria-regulated particulate matter-induced apoptosis in alveolar epithelial cells, 4148  
Zhang, J., A.J. Ghio, M. Gao, K. Wei, G.D. Rosen and D. Upadhyay, Ambient particulate matter induces alveolar epithelial cell cycle arrest: Role of G1 cyclins, 5315  
Zhang, J., N. Bahi, A.M. Zubiaga, J.X. Comella, M. Llovera and D. Sanchis, Developmental silencing and independency from E2F of apoptotic gene expression in postmitotic tissues, 5781  
Zhang, J.Z.H. see J. Bao, 2737  
Zhang, L. see K. Roder, 2715  
Zhang, L. see H. Gao, 581  
Zhang, L. see P. Tang, 1103  
Zhang, L., F. Li, E. Dimayuga, J. Craddock and J.N. Keller, Effects of aging and dietary restriction on ubiquitination, sumoylation, and the proteasome in the spleen, 5543  
Zhang, P.-F. see Y. Sun, 131  
Zhang, Q. see Y.-F. Shi, 203  
Zhang, Q.-G., D.-N. Wu, D. Han and G.-Y. Zhang, Critical role of PTEN in the coupling between PI3K/Akt and JNK1/2 signaling in ischemic brain injury, 495

- Zhang, S., E. Sakuradani, K. Ito and S. Shimizu, Identification of a novel bifunctional  $\Delta 12/\Delta 15$  fatty acid desaturase from a basidiomycete, *Coprinus cinereus* TD#822-2, 315
- Zhang, S. see B. Sun, 3277
- Zhang, S. see X. Liu, 5337
- Zhang, W. see S. Pandey, 2325
- Zhang, W. see C. Chen, 5143
- Zhang, Y. and D.C. Chan, New insights into mitochondrial fusion, 2168
- Zhang, Y. see D. Gu, 382
- Zhang, Y. see X. Yan, 1587
- Zhang, Y. see H. Wang, 3098
- Zhang, Y. see J. Huang, 697
- Zhang, Y. see R. Tatum, 3887
- Zhang, Y. see X. Liu, 5337
- Zhang, Y. see C.A. Opitz, 4927
- Zhang, Y.-M. see R. Leonardi, 4639
- Zhao, A. see Y. Ni, 707
- Zhao, C., J.T. Slevin and S.W. Whiteheart, Cellular functions of NSF: Not just SNAPs and SNAREs, 2140
- Zhao, C. see D. Gu, 382
- Zhao, G. see J. Huang, 697
- Zhao, J. see X. Liu, 5337
- Zhao, K.J. see Q.T. Gao, 233
- Zhao, K.J. see Q.T. Gao, 5087
- Zhao, T.-J., Y. Liu, Y.-B. Yan, F. Feng, W.-Q. Liu and H.-M. Zhou, Identification of the amino acids crucial for the activities of drought responsive element binding factors (DREBs) of *Brassica napus*, 3044
- Zhao, W., S. Allen and G.K. Dhoot, FGF mediated *Sulf1* regulation, 4960
- Zhao, X. see M. Sarić, 1369
- Zhao, Y., Z. Du and N. Li, Extensive selection for the enrichment of G4 DNA motifs in transcriptional regulatory regions of warm blooded animals, 1951
- Zhao, Y. see X. Dong, 5796
- Zheng, W. see R. Li, 3311
- Zheng, Y. see H. Gao, 581
- Zheng, Z. see Q. Chen, 5511
- Zhong, Y. see H. Liu, 2534
- Zhou, F., G. Wu, W. Deng, Y. Pu, C. Wei and Y. Li, Interaction of rice dwarf virus outer capsid P8 protein with rice glycolate oxidase mediates relocalization of P8, 34
- Zhou, H. see Q. Han, 3027
- Zhou, H.-M. see W.-F. Liu, 1047
- Zhou, H.-M. see T.-J. Zhao, 3044
- Zhou, L. see M.L. Graves, 1825
- Zhou, L., H. Sell, K. Eckardt, Z. Yang and J. Eckel, Conditioned medium obtained from in vitro differentiated adipocytes and resistin induce insulin resistance in human hepatocytes, 4303
- Zhou, X., G. Yang, R. Huang, X. Chen and G. Hu, SVH-B interacts directly with p53 and suppresses the transcriptional activity of p53, 4943
- Zhou, Y., B.-G. Ma and H.-Y. Zhang, Human oncogene tissue-specific expression level significantly correlates with sequence compositional features, 4361
- Zhou, Y. see O. Namy, 5282
- Zhou, Z. see C. Chen, 1124
- Zhu, J. see X. Gao, 5505
- Zhu, J.T.T. see Q.T. Gao, 233
- Zhu, L. see Y. Wang, 3069
- Zhu, Q.-H. see S. Wang, 4789
- Zhu, Y. see B. Sun, 3277
- Zhu, Y.Y. see F.L. Xie, 1464
- Zi, Z. and E. Klipp, Cellular signaling is potentially regulated by cell density in receptor trafficking networks, 4589
- Ziche, M. see S. Cantara, 702
- Zielenkiewicz, P. see J. Orłowski, 52
- Zilberberg, N. see A. Kozminsky-Atias, 2478
- Zilka, N. see B. Kovacech, 617
- Zlabinger, G. see D. Mechtcheriakova, 3063
- Żołądek, T., see J. Kamińska, 5371
- Zong, H.L. see Y. Lin, 5151
- Zoryan, M. see M. Oreb, 5945
- Zou, H., Q. Li, S.-C. Lin, Z. Wu, J. Han and Z. Ye, Differential requirement of MKK4 and MKK7 in JNK activation by distinct scaffold proteins, 196
- Zou, J. see Q. Chen, 5511
- Zubiaga, A.M. see J. Zhang, 5781
- Zugasti, B. see M.T. Morán-Zorzano, 1035
- Zugaza, J.L. see N. Zaldúa, 5814
- Zuluaga, S., A. Gutiérrez-Uzquiza, P. Bragado, A. Álvarez-Barrientos, M. Benito, A.R. Nebreda and A. Porras, p38 $\alpha$  MAPK can positively or negatively regulate Rac-1 activity depending on the presence of serum, 3819
- Zwart, B. see S. Zeerleder, 5382
- Zwickl, P. see A. Rothballer, 1197
- Żołądek, T. see J. Kamińska, 5371